



ISSN 0027-0202

volume 7 number 9

september 1974

# monthly bibliography of medical reviews

## NATIONAL LIBRARY OF MEDICINE PUBLICATIONS

NLM's publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (Please do not send orders to the National Library of Medicine.) Remittance should accompany orders and, unless otherwise specified, foreign orders should include an additional 25% of the domestic price to cover mailing. To avoid delays, send a separate order for each title requested, and include full title, price, and GPO catalog number.

**Index Medicus:** Published monthly as a bibliographic listing of references to current articles from approximately 2,250 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: \$155.00 (\$193.75 foreign); single issues \$12.05.

HE 20.3612:

**Cumulated Index Medicus, 1973, Volume 14:** A cumulation in eight volumes of the approximately 221,000 citations appearing in *Index Medicus* in 1973. Included are author and subject sections, *Medical Subject Headings*, List of Journals Indexed, and Bibliography of Medical Reviews. Price: \$155.50 (\$194.40 foreign).

HE 20.3612/3:14

**Abridged Index Medicus:** A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: \$21.90 (\$27.40 foreign); single issues \$1.90.

HE 20.3612/2:

**Cumulated Abridged Index Medicus, 1973, Volume 4:** A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1973. Contains subject and author sections. Price: \$19.80 (\$24.75 foreign). [1970 and 1971: \$10.00 (\$12.50 foreign); 1972—\$12.20 (\$15.25 foreign).]

HE 20.3612/2-2:

**Medical Subject Headings:** Published, as Part 2 of the January *Index Medicus*. The approximately 8,500 subject headings in the 1974 *MeSH* are arranged alphabetically, with cross references, and in categorized lists. (Included with subscription to *Index Medicus*, also available separately for \$7.95 (\$9.95 foreign).)

HE 20.3612:15/1 pt 2

**List of Journals Indexed in Index Medicus, 1974.** Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: \$2.00 (\$2.50 foreign).

HE 20.3612/4:974

**Monthly Bibliography of Medical Reviews:** A series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Annual subscription: \$8.15 (\$10.20 foreign); single issues \$0.75.

HE 20.3610:

**Bibliography of Medical Reviews, 1966-70:** A cumulation of citations to reviews for the period 1966-70; subject index only. Price: \$8.15 (\$10.20 foreign).

HE 20.3610/2:966-70

**NLM Current Catalog:** A bibliographic listing of citations to publications cataloged by the Library. Issued in two forms: (a) quarterly (noncumulating, subject and name sections), (b) annual cumulation (subject and name sections). Prices: (a) 4 three-month cumulations (quarterlies)—\$23.50 (\$29.50 foreign), single issues \$6.00; (b) annual cumulation (1973) \$14.35 (\$17.95 foreign); (1972) \$18.75 (\$21.90 foreign); (1971) \$30.55 (\$38.20 foreign).

HE 20.3609:

**Index to the Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health:** designed to assist users in rapidly finding information in the *Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health* (known as the "Mrak Report," 1969, GPO, price: \$3.00). Contains Chemical Substance Index, Subject Index, and Bibliography. 1972. Price: \$1.25 (\$1.60 foreign).

HE 20.3602:P43

**Index of National Library of Medicine Serial Titles:** Provides a key-word-out-of-context (KWOC) index to approximately 19,000 serial titles received by NLM. 1973. Price (reprint edition) \$11.05 (\$13.85 foreign).

HE 20.3618:972

**Drug Interactions—An Annotated Bibliography with Selected Excerpts 1967-1970:** designed to provide health professionals with quick access to reports from the world's scientific literature on drug-drug and drug-chemical interactions. Casebound. 1824 pages. 1972. Price: \$14.25 (\$17.75 foreign).

HE 20.3614:D84/967-70/v. 1

**Selected References on Environmental Quality as It Relates to Health:** A monthly bibliography which provides a subject/author index to journal articles covering aspects of environmental pollution that concern health. Annual subscription: \$10.05 (\$13.60 foreign); single issues \$0.90.

HE 20.3616

**Current Bibliography of Epidemiology:** A monthly bibliography of articles concerning the etiology, epidemiology, prevention, and control of disease. Annual subscription: \$23.10 (\$28.90 foreign); single issues \$2.00.

HE 20.3617:

**Current Bibliography of Epidemiology 1973, Volume 5:** A cumulation of the 12 monthly issues of *Cube* for 1973. Casebound. Price: \$20.80 (\$26.00 foreign); 1972—\$14.30 (\$17.90 foreign).

HE 20.3617/2:5

**International Bibliography of Medicolegal Serials, 1736-1967:** An annotated listing of serials on legal medicine and related fields. Includes six indexes (title, editor, publisher and sponsor, subject, geographical, and chronological). 1969. Price: \$1.25 (\$1.60 foreign).

FS 2.209:M46/736-967

**Bibliography of the History of Medicine, No. 5 1964-1969:** Cumulative volume, including Nos. 1-4 plus approximately 3,800 new citations. Casebound. 1972. Price: \$15.05 (\$18.85 foreign).

HE 20.3615:5

**Bibliography of the History of Medicine, No. 6 1970:** The sixth in a series of bibliographies of the history of medicine and related sciences, professions, and institutions. Price: \$3.70 (\$4.65 foreign).

HE 20.3615:6

**Bibliography of the History of Medicine, No. 7 1971:** The seventh in a series of bibliographies of the history of medicine and related sciences, professions, and institutions. Price: \$3.00 (\$3.75 foreign).

HE 20.3615:7

**International Bibliography of the History of Legal Medicine (1974):** An annotated list of citations to published material on the history of legal medicine in the holdings of the National Library of Medicine and other sources. Price: \$5.50 (\$6.90 foreign).

HE 20.3614:M46

**A Catalogue of Sixteenth Century Printed Books in the National Library of Medicine:** Over 4,800 rare sixteenth century printed volumes from NLM's History of Medicine Division collection are listed. Some 1,500 printers and publishers and 188 different printing centers in 14 European countries are indexed in detail. Casebound. 1967. 698 pages. Price: \$5.25 (\$6.60 foreign).

HE 20.3614:Si9

**A Catalogue of Incunabula and 16th Century Printed Books in the National Library of Medicine: First Supplement.** Casebound. 51 pages. 1971. Price: \$2.75 (\$3.45 foreign).

HE 20.3614:Si9/Supp.

**National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences.** Third Edition, 1964, with 1969 Supplement. PHS Pub. No. 1108, Reprinted 1969. Price: \$3.75 (\$4.10 foreign).

HE 20.3602:C56/969

**National Medical Audiovisual Center Motion Picture and Videotape Catalog, 1973:** A list of motion pictures available on loan, and videotapes available for free duplication, from NMAC in Atlanta. Price: \$1.95 (\$2.50 foreign).

HE 20.3608/4:973

**MEDLARS: 1963-1967:** Description of NLM's computer-based Medical Literature Analysis and Retrieval System (MEDLARS), emphasizing technical aspects of MEDLARS development. 76 pages with illustrations. PHS Pub. No. 1823. 1968. Price: \$0.75 (\$0.95 foreign).

FS 2.202:M46/3

**Toxicity Bibliography:** A quarterly publication covering the adverse and toxic effects of drugs and chemicals reported in the approximately 2,200 journals indexed for *Index Medicus*. Annual subscription: \$25.00 (\$31.25 foreign); single issues \$6.50.

HE 20.3613:

**A Profile of the U.S. Public Health Service, 1798-1948.** A case-bound, illustrated history of the U.S.P.H.S., written by Bess Furman Armstrong. 1973. Price: \$4.35 (\$5.45 foreign).

HE 20.3602:P96/798-948



ISSN 0027-0202  
volume 7 number 9  
september 1974

# monthly bibliography of medical reviews



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

National Institutes of Health

DHEW Publication No. (NIH) 74-253

ZW  
1  
B588a

**Monthly bibliography of medical reviews.**

v. 1- Jan. 1968-  
[Bethesda, Md.] National Library of Medicine.

v.

References cited appear also in Index medicus.

1. Medicine - indexes I. National Library of Medicine.

*The Secretary of Health, Education, and Welfare has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through January 31, 1977.*

*For sale by the Superintendent of Documents, U.S. Government Printing Office  
Washington, D. C. 20402 - Price 75 cents (single copy). Subscription Price:  
\$8.15 per year; \$2.05 additional for foreign mailing.*



## INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observations of Bernal twenty-five years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Through the *Monthly Bibliography of Medical Reviews*, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases the articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case reports serves to document the subject of the review.

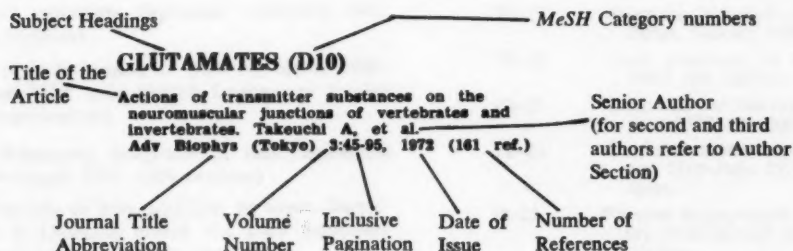
Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

## SUBJECT HEADINGS

Users of *Monthly Bibliography of Medical Reviews* will find an acquaintance with *Medical Subject Headings (MeSH)* useful in determining which subject headings are most appropriate for their needs. *MeSH*, the National Library of Medicine's authority list, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. *MeSH* is published as Part 2 of the January *Index Medicus* (see list of publications, inside front cover).

Although the most specific terms available in *MeSH* are used in indexing articles for *Index Medicus*, broader headings are used for reviews to enable grouping of similar material.

## SAMPLE CITATION



Chief, Bibliographic Services  
Division  
National Library of Medicine  
8600 Rockville Pike  
Bethesda, Maryland 20014

## EXHIBIT 1

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land owned by the United States in the State of California, as of January 1, 1940.

The land is classified as follows: (1) Public land, (2) Private land, (3) Land in the process of being acquired, and (4) Land in the process of being disposed of.

The following table shows the amount of land in each class, in acres, as of January 1, 1940.

The following table shows the amount of land in each class, in acres, as of January 1, 1940.

The following table shows the amount of land in each class, in acres, as of January 1, 1940.

## EXHIBIT 2

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, regarding the land owned by the United States in the State of California, as of January 1, 1940.

The following table shows the amount of land in each class, in acres, as of January 1, 1940.

The following table shows the amount of land in each class, in acres, as of January 1, 1940.

The following table shows the amount of land in each class, in acres, as of January 1, 1940.



The following table shows the amount of land in each class, in acres, as of January 1, 1940.

# NATIONAL LIBRARY OF MEDICINE LITERATURE SEARCHES

These bibliographies are reprints of literature searches requested by individual physicians, scientists, and other health professionals, and are considered to be of wide interest. Single copies may be ordered by number and title from NLM at no charge.

L.S. No.	Title	L.S. No.	Title
71-1	Fetal monitoring during labor. January 1966—March 1971. (137 citations)	72-2	Programmed instruction in medicine and allied health professions. January 1969—February 1972. (129 citations) This bibliography is an up-dating of Literature Search no. 70-9.
71-2	Genetic counseling. January 1968—March 1971. (92 citations)	72-3	Medical care in developing countries. (Supplement to LS 70-11) January 1970—April 1972. (400 citations)
71-3	Transplantation in the therapy of hearing disorders. January 1968—March 1971. (258 citations)	72-4	Hexachlorophene. January 1969—March 1972. (130 citations)
71-4	Attitudes toward death. January 1968—March 1971. (295 citations)	72-5	Medicine and health in China. January 1969—March 1972. (173 citations)
71-5	Behavioral responses to animal interactions. January 1968—March 1971. (180 citations)	72-6	Drug therapy for hyperkinetic children. January 1969—March 1972. (64 citations)
71-6	Health aspects of occupational exposure to X-rays. January 1968—March 1971. (57 English language citations)	72-7	Sickle cell anemia—diagnosis, pathology, complications and therapy. January 1969—April 1972. (339 citations)
71-7	Rabies in wildlife. January 1968—March 1971. (99 guage citations)	72-8	Vitamin C and the common cold. January 1969—April 1972 (25 citations)
71-8	Emergency psychiatry. January 1968—March 1971. (176 citations) (Supplement to LS 4-68)	72-9	Electrical safety and hazards in the hospital. January 1969—March 1972. (102 citations)
71-9	DNA polymerase. January 1968—March 1971. (276 citations)	72-10	Audio-visual aids in the teaching of medicine. January 1969 through April 1972. (74 citations)
71-10	Oral manifestations of adverse drug reactions. January 1968—March 1971. (176 citations)	72-11	Audio-visual aids in the teaching of nursing. January 1969 through April 1972. (46 citations)
71-11	Psychosocial response to factors in the urban environment. Mental health services in cities. January 1968—March 1971. (233 citations)	72-12	Audio-visual aids in the teaching of dentistry. January 1969 through April 1972. (52 citations)
71-12	Health hazards and hygiene in exposure to atomic radiation. January 1968—March 1971. (230 citations)	72-13	Audio-visual aids in the teaching of allied health occupations. January 1969 through April 1972. (39 citations)
71-13	Maturity onset diabetes. January 1968—February 1971. (130 citations)	72-14	Sickle cell anemia — epidemiologic, genetic, social, legal and ethical aspects. January 1969—May 1972. (116 citations)
71-14	Sudden unexpected death in infants. January 1968—March 1971. (101 citations)	72-15	Malnutrition and mental development in man. January 1969—June 1972. (56 citations)
71-15	Physicians' assistants. January 1968—December 1970. (73 citations)	72-16	Toxicity of intentional food additives. January 1969—June 1972. (264 citations)
71-16	Automated multiphasic screening. January 1969—June 1971. (75 citations)	72-17	Vasectomy—psychosocial aspects. January 1969—June 1972. (52 citations)
71-17	Drugs in control of narcotic addiction. January 1969—June 1971. (86 citations)	72-18	Medicine in Vietnam. January 1969—June 1972. (337 citations)
71-18	Government role in financing the delivery of health care in the United States. January 1969—June 1971. (289 English language citations)	72-19	Geriatric dentistry. (Supplement to LS 70-47) December 1970—June 1972. 90 citations.
71-19	Government role in financing the delivery of dental care in the United States. January 1969—June 1971. (76 English language citations)	72-20	Forensic dentistry. January 1969—June 1972. 163 citations.
71-20	Cannabis toxicology. September 1968—July 1971. (355 citations)	72-21	Provision of health care to the poor in the United States. January 1969—June 1972. 162 citations.
71-21	Effects of hallucinogens on man. September 1968—August 1971. (609 English language or English abstract citations)	72-22	Lead poisoning in children. January 1969—June 1972. 100 citations.
71-22	Drug withdrawal symptoms in man. September 1968—August 1971. (246 citations)	72-23	Diagnosis and therapy of gonorrhea. January 1969—June 1972. 189 citations in English.
71-23	Psychotherapy in drug addiction or abuse. Supplement to Literature Search No. 2-69. September 1968—October 1971. (157 citations)	72-24	Care and maintenance of laboratory animals. January 1969—June 1972. 299 English language citations.
71-24	Venezuelan equine encephalitis virus. January 1969—October 1971. (85 citations)	72-25	Physical management of rheumatoid arthritis. January 1969 through July 1972. 54 English language citations.
71-25	Quality control, reliability and standards in clinical laboratories. January 1969—October 1971. (273 English language citations)	72-26	Mobile coronary care units. January 1969 through August 1972. 51 citations.
72-1	Acupuncture. January 1969—February 1972. (69 citations)	72-27	Helicopter ambulance service. January 1969 through August 1972. 19 citations.
		72-28	Ambulance service. January 1969 through August 1972. 29 citations.
		72-29	Tay-Sachs disease. January 1969 through August 1972. 98 citations.

<u>L.S. No.</u>	<u>Title</u>	<u>L.S. No.</u>	<u>Title</u>
72-30	Research and training support in medicine. January 1969 through August 1972. 225 citations in English.	73-23	Nomenclatures, subject headings, and classifications. January 1970 through July 1973. 511 citations.
72-31	Plastics and phthalate esters. January 1969 through September 1972. 135 citations.	73-24	Rape. January 1970 through June 1973. 64 citations.
72-32	Health services for adolescents. January 1969 through January 1973. 274 citations in English.	73-25	Adverse effects or toxicity of implant materials. January 1970 through June 1973. 215 citations.
72-33	Effects of noise on man (and animals). Supplement to Literature Search 12-68. January 1969 through September 1972. 214 citations in English.	73-26	The hospital emergency room. January 1970 through June 1973. 194 citations.
72-34	Sport medicine (Updates L.S. No. 70-41). August 1970 through October 1972. 312 citations in English.	73-27	Laparoscopic sterilization. January 1970 through July 1973. 80 citations.
72-35	Adverse effects of LSD (Updates Literature Search 24-68). January 1969 through October 1972. 154 citations in English.	73-28	Child abuse. January 1970 through July 1973. 303 citations.
72-36	Family planning programs. January 1970 through November 1972. 487 citations.	73-29	Chemistry of common poisonous plants. January 1970 through July 1973. 156 citations.
72-37	Allergy to arthropod stings. January 1969 through November 1972. 73 citations.	73-30	Chagas' disease. January 1970 through July 1973. 404 citations.
73-1	Prostaglandins in abortion and reproductive physiology. January 1969 through December 1972. 226 citations.	73-31	Asbestos toxicity. January 1970 through July 1973. 363 citations.
73-2	Day care for the elderly. January 1969 through December 1972. 49 citations.	73-32	Hypertension: diagnosis, occurrence and prevention (with emphasis on studies in the U.S.). January 1970 through July 1973. 216 citations in English.
73-3	Air pollution effects. With emphasis on hypersensitivity. January 1970 through February 1973. 546 citations in English.	73-33	Doping and sports. January 1970 through August 1973. 46 citations.
73-4	Human experimentation. January 1969 through January 1973. 220 citations.	73-34	Herpesviruses and the etiology of mammalian tumors. January 1970 through August 1973. 182 citations.
73-5	Health maintenance organizations. January 1969 through January 1973. 229 citations in English.	73-35	Mental retardation: facilities, rehabilitation, services (with emphasis on the U.S.). January 1970 through August 1973. 253 citations in English.
73-6	Transplantation—Ethical, legal, and religious aspects. January 1969 through January 1973. 201 citations in English.	73-36	Therapy of Enuresis with imipramine. January 1970 through September 1973. 57 citations.
73-7	Health indices in the United States. January 1969 through January 1973. 222 citations in English.	74-1	Nutrition in burns. January 1970 through January 1974. 47 citations.
73-8	Drugs in control of narcotic addiction Supplement to LS 71-17. July 1971 through February 1973. 245 citations.	74-2	Rehabilitation in spinal cord injuries. January 1970 through January 1974. 173 citations.
73-9	Acupuncture. Supplement to LS 72-1. March 1972 through March 1973. 90 citations.	74-3	Genetic counseling (updates L.S. 71-2). April 1971 through January 1974. 363 citations.
73-10	Hospital architecture. January 1970 through February 1973. 330 citations in English.	74-4	Genetic intervention (with emphasis on ethical, legal and religious aspects of genetic control). January 1970 through January 1974. 123 citations.
73-11	Drug therapy of alcoholism. Supplement to LS 70-1. January 1970 through March 1973. 257 citations.	74-5	Acupuncture (Updates L.S. 73-9). April 1973 through April 1974. 181 citations.
73-12	Psychotherapy in alcoholism. January 1970 through February 1973. 108 citations in English.	74-6	Audiovisual aids, and computer assisted and programmed instruction in medical education. (Updates L.S. 72-10). May 1972 through April 1974. 203 citations in English.
73-13	Psychological aspects of cancer. January 1970 through March 1973. 126 citations in English.	74-7	Audiovisual aids, and computer assisted and programmed instruction in nursing education (Updates but also includes citations from L.S. 72-11) January 1970 through April 1974. 116 citations in English.
73-14	Neoplasm models. January 1970 through March 1973. 589 citations in English.	74-8	Audiovisual aids, and computer assisted and programmed instruction in allied health occupation education. (Updates L.S. 72-13). May 1972 through April 1974. 57 citations in English.
73-15	Psychopharmacology in geriatrics. Updates Literature Search 70-15. April 1970 through May 1973. 258 citations.	74-9	Audiovisual aids, and computer assisted and programmed instruction in dental education. (Updates L.S. 72-12). May 1972 through April 1974. 45 citations in English.
73-16	Control of obesity by diet. Updates LS 70-16. April 1970 through May 1973. 159 citations.	74-10	Nutrition in trauma. January 1970 through April 1974. 229 citations.
73-17	Sudden unexpected death in infants. Updates LS 71-14. April 1971 through June 1973. 108 citations.	74-11	Intestinal bypass for morbid obesity. January 1970 through April 1974. 96 citations.
73-18	Psychosurgery. January 1970 through May 1973. 99 citations.	74-12	Breast neoplasms in the male. January 1970 through May 1974. 124 citations.
73-19	Health aspects of prison populations. January 1970 through May 1973. 302 citations.		
73-20	Cholelithiasis: etiology and drug therapy. January 1970 through July 1973. 147 citations.		
73-21	The microwave oven. January 1970 through July 1973. 37 citations.		
73-22	Adverse effects of intrauterine devices. January 1970 through July 1973. 372 citations.		



<u>L.S. No.</u>	<u>Title</u>	<u>L.S. No.</u>	<u>Title</u>
74-13	Low birth weight infants. Causation, complications, development. January 1970 through April 1974. 510 citations in English, French, German.		
74-14	Reaction to infant death by family and social and legal institutions. January 1970 through April 1974. 92 citations.		
74-15	Malpractice. January 1970 through April 1974. 373 citations in English.		
74-16	Informed consent. January 1970 through April 1974. 272 citations.		
74-17	PSROs (Professional Standards Review Organizations) January 1970 through June 1974. 179 citations.		
74-18	Therapy of Hyperactivity due to Minimal Brain Dysfunction. January 1972 through June 1974. 167 citations.		

Send Requests to: Literature Search Program  
Reference Section  
National Library of Medicine  
8600 Rockville Pike  
Bethesda, Maryland 20014

(Please do not send requests on interlibrary loan forms.)

The name and address of the requestor, typed on a gummed label, must accompany all requests (no return postage necessary).  
Order by Literature Search number in addition to title.



# bibliography of medical reviews

## Subject Section

*Medical Reviews are defined by NLM, for inclusion in the Bibliography of Medical Reviews, as articles which are well documented surveys of the recent biomedical literature.*

*Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.*

*Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are applied for reviews to enable grouping of similar material.*

### ABDOMEN (A1)

[Recurrent abdominal pain in children] Christensen MF.  
Ugeskr Laeger 136:821-5, 8 Apr 74 (Eng. Abstr.) (Dan)

### ABDOMEN, ACUTE (C17)

[Diagnosis of acute abdomen in adults—a new clinicoradiological concept] Swart B, et al.  
Radiologie 14:1-57, Jan 74 (85 ref.) (Ger)

### ACETYLCHOLINE (D5)

The acetylcholine receptor: progress report. Karlin A.  
Life Sci 14:1385-415, 18 Apr 74 (117 ref.)

### ACIDOSIS, DIABETIC (C7, C13)

Diabetic ketoacidosis. Fellg P.  
N Engl J Med 290:1360-3, 13 Jun 74 (9 ref.)

### ACTION POTENTIALS (G1)

[Trans epithelial transport and electric potentials in the normal and inflamed human colon] Madsen JR.  
Ugeskr Laeger 135:1513-20, 16 Jul 73 (Eng. Abstr.) (Dan)

### ADAPTATION, PHYSIOLOGICAL (G1)

variation in the occurrence of extracellular diffusible antigens in temperature-induced variants of *Erwinia herbicola* Y46, and observations of their relationships with *Erwinia amylovora*. Hodgkin JE, et al.  
Crit Care Med 2:96-102, Mar-Apr 74 (29 ref.)

### ADDISON'S DISEASE (C7)

[Idiopathic Addison's disease] Demura H.  
Jap J Clin Med 31:3468-73, Dec 73 (34 ref.) (Jap)

### ADENOSINE CYCLIC 3',5' MONOPHOSPHATE (D10)

Regulation of cell growth by cyclic AMP.  
Nutr Rev 31:229-9, Jul 73 (11 ref.)  
Parathormone, cyclic AMP and neonatal kidneys.  
Nutr Rev 31:86-8, Mar 73 (7 ref.)

### ADRENAL CORTEX HORMONES (D8)

[Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.  
Med Klin 69:513-24, 29 Mar 74 (136 ref.) (Ger)

### ADRENAL GLAND DISEASES (C7)

Adrenal causes of hypertension. Kaplan NN.  
Arch Intern Med 133:1001-6, Jun 74 (49 ref.)

### ADRENAL GLAND NEOPLASMS (C2)

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al.  
Pathol Annu 8:305-30, 1973 (62 ref.)

### ADRENAL GLANDS (A6)

Riboflavin and adrenal cortex.  
Nutr Rev 31:95-8, Mar 73 (6 ref.)

### AEROSOLS (D13, J)

[Effect of the primary distribution of the microbial aerosol in the respiratory system on the size of the infecting dose (a review of the literature)] Gapochko KG, et al.  
Zh Mikrobiol Epidemiol Immunobiol 50:3-6, Sep 73 (15 ref.) (Eng. Abstr.) (Rus)

### AFLATOXIN (D13)

[The effect of aflatoxins on animal cells in tissue culture (review of the literature)] Beniumovich MS.  
Farmakol Toksikol 26:497-501, Jul-Aug 73 (25 ref.) (Rus)

### AGING (G1)

[Senescence from the standpoint of manifestation of genetic codes] Egami N.  
Jap J Clin Med 32:3-7, Jan 74 (25 ref.) (Jap)  
[Senescence and amyloidosis] Hinoara S, et al.  
Jap J Clin Med 32:113-8, Jan 74 (18 ref.) (Jap)  
[Senescence from the standpoint of the free radical theory] Hirai S.  
Jap J Clin Med 32:8-13, Jan 74 (28 ref.) (Jap)  
[Aging and diseases: leukemia] Hiraki K, et al.  
Jap J Clin Med 32:97-101, Jan 74 (21 ref.) (Jap)  
[Aging and diseases: multiple myeloma] Hirota Y.  
Jap J Clin Med 32:103-12, Jan 74 (45 ref.) (Jap)  
[Senescence and hormones] Ibayashi H, et al.  
Jap J Clin Med 32:20-9, Jan 74 (40 ref.) (Jap)  
[Aging and diseases: Parkinsonism] Kase M, et al.  
Jap J Clin Med 32:83-4, Jan 74 (8 ref.) (Jap)  
[Senescence from the standpoint of immunity] Kawai T, et al.  
Jap J Clin Med 32:14-9, Jan 74 (31 ref.) (Jap)  
[Aging and diseases: pneumonia] Murao M, et al.  
Jap J Clin Med 32:87-91, Jan 74 (27 ref.) (Jap)  
[Laboratory animals for gerontological research] Osawa N.  
Jap J Clin Med 32:37-44, Jan 74 (34 ref.) (Jap)  
[Senescence from the standpoint of radiobiology] Sugahara T.  
Jap J Clin Med 32:30-6, Jan 74 (28 ref.) (Jap)

### AGRICULTURE (J)

The application of anthelmintics in the feedlot.  
Egerton JR.  
Adv Pharmacol Chemother 10:381-91, 1972 (19 ref.)

### AGROBACTERIUM (B3)

On a eukaryotic cell-transformation by a bacterium.  
Knopf UC. Subcell Biochem 3:39-48, Mar 74 (89 ref.)

### ALCOHOL, ETHYL (D2)

Current status of blood alcohol methods. Cravey RH, et al.  
J Chromatogr Sci 12:309-13, May 74 (33 ref.)  
A review of breath alcohol methods. Jain NC, et al.  
J Chromatogr Sci 12:314-8, May 74 (33 ref.)

### ALCOHOLISM (C14, F2)

[Different hazards of liver cirrhosis in beer drinkers and wine drinkers?] Glatzel H.  
Med Klin 69:469-74, 15 Mar 74 (34 ref.) (Ger)  
[Complications of alcoholism reflected in morbidity among alcoholics] Bjerver K.  
Lakartidningen 71:3055-8, 15 May 74 (25 ref.) (Swe)

### ALLELES (G1)

The chromosomal HL-A complex. Humoral and cellular immunity in organ graft rejection. Dausset J.  
Haematologia (Budap) 7:155-70, 1973 (33 ref.)

### ALLERGENS (D12)

[Allergy to chemical (low-molecular) sensitizers] Ado VA, et al.  
Farmakol Toksikol 26:494-6, Jul-Aug 73 (24 ref.) (Rus)

### ALPHA PARTICLES (H)

The alpha radioactivity of marine organisms. Cherry RD, et al.  
At Energy Rev 12:3-45, 1974 (150 ref.)

### AMINO ACID METABOLISM, INBORN ERRORS (C13)

Aminoacidurias due to inherited disorders of metabolism. 2. Frimpter GW.  
N Engl J Med 289:895-901, 25 Oct 73 (87 ref.)

### AMINO ACIDS (D2, D10)

Molecular orbital calculations on the conformation of amino acid residues of proteins. Pullman B, et al.  
Adv Protein Chem 28:347-538, 1974 (260 ref.)  
Starvation in pregnancy: metabolic changes.  
Nutr Rev 31:83-3, Mar 73 (11 ref.)  
Amino acid requirements and amino acid supply in the sheep. Armstrong DG.  
Proc Nutr Soc 32:107-13, Sep 73 (27 ref.)

### AMINO ACIDS, ESSENTIAL (D10)

Metabolism of alpha-keto analogues of essential amino acids. Nutr Rev 32:147-9, May 74 (9 ref.)

## AMINO ACIDS, SULFUR

### AMINO ACIDS, SULFUR (D10)

Nutritional implications of sulfur amino acid oxidation.  
*Nutr Rev* 31:230-1, Jul 73 (8 ref.)

### AMMONIA (D1)

Effects of lysine on ammonia formation, hydrogen ion, and potassium ion balance: a review and an hypothesis. Zweig JL.  
*Clin Chem* 19:943-9, Sep 73 (53 ref.)

### AMYLOIDOSIS (C13)

[Senescence and amyloidosis] Hinoara S, et al.  
*Jap J Clin Med* 33:113-9, Jan 74 (18 ref.) (Jap)

### ANAPHYLAXIS (C14)

Symposium on allergic lung disease. IV. Immunologic mechanisms for release of chemical mediators of anaphylaxis from human lung tissue. Kaliner M.  
*Can Med Assoc J* 110:431 passim, 16 Feb 74 (27 ref.)

### ANEMIA, HYPOCHROMIC (C9)

[Supply of vitamins and iron to premature babies] Lindberg T.  
*Lakartidningen* 70:3360-2, 19 Sep 73 (33 ref.) (Eng. Abstr.) (Swe)

### ANEMIA, MACROCYTIC (C9)

[Sulfamethoxazole-trimethoprim and megaloblastic anemia] Lindahl A.  
*Ugeskr Laeger* 136:835-8, 8 Apr 74 (14 ref.) (Dan)

### ANEMIA, PERNICIOUS (C9, C13)

[Malignant anemia] Takaku F.  
*Jap J Clin Med* 31:3435-40, Dec 73 (20 ref.) (Jap)

### ANESTHESIA (E3)

Kidney function during anesthesia and hemorrhage. Deutsch S.  
*Int Anesthesiol Clin* 12:109-25, Spring 74 (27 ref.)  
Effect of anesthesia on myocardial tolerance to ischemia. Spieckermann PG, et al.  
*Int Anesthesiol Clin* 12:51-81, Spring 74 (31 ref.)

### ANESTHESIA, EPIDURAL (E3)

Circulatory adjustments under spinal anesthesia. Shimamoto S.  
*Int Anesthesiol Clin* 12:127-44, Spring 74 (15 ref.)

### ANESTHESIA, GENERAL (E3)

Management of general anesthesia during hemorrhage. Graves CL.  
*Int Anesthesiol Clin* 12:1-49, Spring 74 (48 ref.)

### ANESTHESIA, INHALATION (E3)

Effects of anesthesia and hemorrhage on lung function. Massion WH.  
*Int Anesthesiol Clin* 12:83-107, Spring 74 (25 ref.)  
Effect of anesthetics on surgical blood loss. Massion WH, et al.  
*Int Anesthesiol Clin* 12:303-13, Spring 74 (24 ref.)

### ANESTHESIA, SPINAL (E3)

Circulatory adjustments under spinal anesthesia. Shimamoto S.  
*Int Anesthesiol Clin* 12:127-44, Spring 74 (15 ref.)

### ANESTHETICS (D6)

Neuroleptanesthesia, dissociative anesthesia, and hemorrhage. Corssen G, et al.  
*Int Anesthesiol Clin* 12:145-81, Spring 74 (32 ref.)  
Kidney function during anesthesia and hemorrhage. Deutsch S.  
*Int Anesthesiol Clin* 12:109-25, Spring 74 (27 ref.)  
Effect of anesthetics on surgical blood loss. Massion WH, et al.  
*Int Anesthesiol Clin* 12:303-13, Spring 74 (24 ref.)  
Effect of anesthesia on myocardial tolerance to ischemia. Spieckermann PG, et al.  
*Int Anesthesiol Clin* 12:51-81, Spring 74 (31 ref.)

### ANGIOGRAPHY (E1)

Angiography as a diagnostic tool in gastrointestinal bleeding. Sprintis M.  
*Arch Med* 31:353-4, Apr 74 (34 ref.)

### ANIMAL FEED (J)

Selenium as a feed additive.  
*Nutr Rev* 32:188-9, May 74 (2 ref.)

## MEDICAL REVIEWS

### ANIMAL NUTRITION (G1)

The time course of changes in carbohydrate and lipid metabolism in the rat as caused by starvation and refeeding. *Nutr Rev* 31:223-3, Jul 73 (11 ref.)  
Utilization of non-protein nitrogen in the production of animal protein. Chalupa W.  
*Proc Nutr Soc* 32:99-106, Sep 73 (39 ref.)  
Gnotobiotic animals in nutrition research. Coates ME.  
*Proc Nutr Soc* 32:53-8, Sep 73 (27 ref.)

### ANIMALS, LABORATORY (B1, B2)

[Laboratory animals for gerontological research] Osawa N.  
*Jap J Clin Med* 32:37-48, Jan 74 (34 ref.) (Jap)

### ANOREXIA NERVOSA (F2)

[Therapeutic roles in the treatment of anorexia nervosa (author's transl)] Fajor Z, et al.  
*Przegl Lek* 31:387-90, 1974 (21 ref.) (Pol)

### ANOXIA (C17)

Chemical radiosensitization of hypoxic cells. Adams GE.  
*Br Med Bull* 29:48-53, Jan 73 (38 ref.)

### ANTHELMINTICS (D3)

The application of anthelmintics in the feedlot. Egerton JR.  
*Adv Pharmacol Chemother* 10:381-91, 1972 (19 ref.)

### ANTHRANILATE SYNTHASE (D9)

Anthranelate synthetase. Zalkin H.  
*Adv Enzymol* 38:1-39, 1973 (102 ref.)

### ANTI-ANTIBODIES (D12)

Modification of B lymphocyte differentiation by anti-immunoglobulins. Lawton AR 3d, et al.  
*Contemp Top Immunobiol* 3:193-225, 1974 (98 ref.)

### ANTIBIOTICS (D3)

[Preventive use of antibiotics in surgical procedures] Bruun JN.  
*Tidsskr Nor Laegeforen* 94:741-5, 30 Apr 74 (27 ref.) (Nor)

### ANTIBODIES (D12)

Effect of antigen binding on the properties of antibody. Metzger H.  
*Adv Immunol* 18:169-307, 1974 (159 ref.)  
Blocking antibodies and enhancement. Heppner GH.  
*Ser Haematol* 5:41-66, 1972 (126 ref.)

### ANTIBODY FORMATION (G1)

Genetic determinants of immunological responsiveness. Gasser DL, et al.  
*Adv Immunol* 18:1-66, 1974 (334 ref.)  
Antigenic competition: a review of nonspecific antigen-induced suppression. Pross HF, et al.  
*Adv Immunol* 18:133-66, 1974 (256 ref.)  
T cell control of antibody production. Gershon RK.  
*Contemp Top Immunobiol* 3:1-46, 1974 (264 ref.)  
Genetic control of antibody responses to myeloma proteins of mice. Lieberman R, et al.  
*Contemp Top Immunobiol* 3:117-39, 1974 (45 ref.)  
T cell modification of B cell responses to antigen in mice. Mitchell GF.  
*Contemp Top Immunobiol* 3:97-116, 1974 (169 ref.)  
Histocompatibility systems, immune response, and disease in man. Morris PJ.  
*Contemp Top Immunobiol* 3:141-69, 1974 (124 ref.)  
Immunological recognition of polynucleotide structure. Lacour F, et al.  
*Curr Top Microbiol Immunol* 63:1-39, 1973 (106 ref.)  
The chromosomal HLA complex. Humoral and cellular immunity in organ graft rejection. Dausset J.  
*Haematologia (Budap)* 7:155-70, 1973 (33 ref.)

### ANTIBODY PRODUCING CELLS (A11)

T cell modification of B cell responses to antigen in mice. Mitchell GF.  
*Contemp Top Immunobiol* 3:97-116, 1974 (169 ref.)

### ANTIBODY SPECIFICITY (G1)

Editorial: Antibody diversity: is it all coded for by the germ line genes? Capra JD, et al.  
*Scand J Immunol* 3:1-4, 1974 (17 ref.)  
Antibody diversity: a case for its generation after antigenic stimulation. Cunningham AJ, et al.  
*Scand J Immunol* 3:5-10, 1974 (39 ref.)

### ANTICOAGULANTS (D7)

Experimental studies on the spread of cancer, with special reference to fibrinolytic agents and

anticoagulants. Wood S Jr.  
*J Med (Basel)* 5:7-22, 1974 (80 ref.)

### ANTICONVULSANTS (D6)

Abnormalities of bone and orofacial changes from anticonvulsant drugs. Israel H.  
*J Public Health Dent* 34:104-5, Spring 74 (8 ref.)  
[Considerations and observations on the pharmacotoxicology of antiepileptic drugs] Dreyer R.  
*Nervenarzt* 45:115-8, Mar 74 (17 ref.) (Ger)

### ANTIDIABETICS (D8)

Hypoglycemic drugs. Stehling L.  
*Clin Anesth* 16:233-47, 1974 (39 ref.)

### ANTIFUNGAL AGENTS (D3)

[Chemotherapy of deep mycoses (a review of the literature)] Rosnikova MM, et al.  
*Vestn Dermatol Venerol* 47:86-71, Dec 73 (157 ref.) (Eng. Abstr.) (Rus)

### ANTIGEN-ANTIBODY REACTIONS (G1)

Effect of antigen binding on the properties of antibody. Metzger H.  
*Adv Immunol* 18:169-307, 1974 (159 ref.)  
Antigenic competition: a review of nonspecific antigen-induced suppression. Pross HF, et al.  
*Adv Immunol* 18:133-66, 1974 (256 ref.)  
Immunological recognition of polynucleotide structure. Lacour F, et al.  
*Curr Top Microbiol Immunol* 63:1-39, 1973 (106 ref.)  
Immunological facilitation, a broadening of the concept of the enhancement phenomenon. Volsin GA.  
*Prog Allergy* 15:328-465, 1971 (719 ref.)

### ANTIGENS (D12)

Cognition and recognition of antigen by cell associated receptors. Singhal SK, et al.  
*Prog Allergy* 15:188-223, 1971 (131 ref.)

### ANTIGENS, HETEROGENETIC (D12)

Blood-group and Forssman antigenic determinants shared between microbes and mammalian cells. Springer GF.  
*Prog Allergy* 15:9-77, 1971 (298 ref.)

### ANTIGENS, NEOPLASM (D12)

Lymphocyte-mediated cytotoxicity and blocking serum activity to tumor antigens. Hellström KE, et al.  
*Adv Immunol* 18:309-77, 1974 (349 ref.)  
Genetic control of antibody responses to myeloma proteins of mice. Lieberman R, et al.  
*Contemp Top Immunobiol* 3:117-39, 1974 (45 ref.)  
Nature and significance of the antigens associated with human gastrointestinal tumours. Burtin P.  
*J Clin Pathol [Suppl]* 7:115-8, 1974 (28 ref.)  
In vitro demonstration of cellular hypersensitivity to tumour antigens in man. Andersen V, et al.  
*Ser Haematol* 5:3-21, 1972 (68 ref.)  
Membrane associated antigens in chemically-induced tumours. Baldwin RW.  
*Ser Haematol* 5:67-92, 1972 (90 ref.)  
Immunological aspects of human leukaemia. Viza D.  
*Ser Haematol* 5:87-106, 1972 (106 ref.)

### ANTIGENS, VIRAL (D12)

The SV40 "S" antigen and other papovavirus-induced surface antigens. Collins JJ, et al.  
*Curr Top Microbiol Immunol* 63:153-83, 1974 (153 ref.)  
Antigenic variation in influenza virus. Biology and chemistry. Webster RG, et al.  
*Prog Med Virol* 13:271-338, 1971 (165 ref.)

### ANTIHYPERTENSIVE AGENTS (D5)

[Principles of combining hypotensive agents (review of the literature)] Kazak IL.  
*Vrach Delo* 4:1-4, 1974 (41 ref.) (Rus)

### AORTA (A7)

Endothelial injury and repair. Wright HP.  
*Bibl Anat* 12:87-91, 1973 (30 ref.)

### APPETITE REGULATION (G1)

Hypothalamic regulation of energy balance and feeding behavior. Panksepp J.  
*Fed Proc* 33:1150-65, May 74 (164 ref.)

### ARRHYTHMIA, SINUS (C8)

[Carotid sinus pressure test for diagnosis of unexplained syncopal attacks and indication for pacemaker treatment] Kindermann G.  
*Med Klin* 69:477-88, 22 Mar 74 (20 ref.) (Ger)



[Positive venous pulse] Grishkevich VM.  
Kardiologiya 12:136-43, Jul 73 (90 ref.) (Rus)

### ARTERIOSCLEROSIS (C8)

Immunity and inflammation in the pathogenesis of atherosclerosis. A review. Poston RN, et al.  
Atherosclerosis 19:353-67, May-Jun 74 (121 ref.)  
Dietary carbohydrates in lipid disorders in man. Albrink MJ.

Prog Biochem Pharmacol 8:343-70, 1973 (95 ref.)  
[Lipids and atherosclerosis] Gonzales Santos P, et al.  
Rev Clin Esp 132:387-96, 15 Mar 74 (69 ref.) (Spa)

### ARTERITIS (C8)

Immunity and inflammation in the pathogenesis of atherosclerosis. A review. Poston RN, et al.  
Atherosclerosis 19:353-67, May-Jun 74 (121 ref.)

### ARTHRITIS (C3)

[Diabetic arthropathy] Reinhardt K.  
Dtsch Med Wochenschr 99:98-102, Jan 74 (92 ref.) (Ger)

### ARTHRITIS, RHEUMATOID (C3, C17)

The wrist and thumb in rheumatoid arthritis. Kleinert HE, et al.  
Orthop Clin North Am 4:1085-96, Oct 73 (34 ref.)  
[Chronic rheumatoid arthritis] Shikawa U.  
Jap J Clin Med 31:3409-14, Dec 73 (15 ref.) (Jap)

### ARTHROPLASTY (E4)

Implant resection arthroplasty of the proximal interphalangeal joint. Swanson AB.  
Orthop Clin North Am 4:1007-29, Oct 73 (59 ref.)

### ARTHROPODS (B1)

Symposium on reproduction of arthropods of medical and veterinary importance. II. Meeting of the sexes. Anderson JR.  
J Med Entomol 11:7-19, 28 Mar 74 (160 ref.)  
Symposium on reproduction of arthropods of medical and veterinary importance. 3. Accessory functions of seminal fluid. Hinton HE.  
J Med Entomol 11:19-25, 28 Mar 74 (48 ref.)

### ASPERGILLUS (B5)

Ribonuclease T1. Structure and function. Takahashi K, et al. Adv Biophys (Tokyo) 1:53-98, 1970 (79 ref.)

### ASPIRIN (D6)

Aspirin: the unique drug. Friend DG.  
Arch Surg 108:785-9, Jun 74 (37 ref.)

### ASTHMA (C5, C14)

Symposium on allergic lung disease. IV. Immunologic mechanisms for release of chemical mediators of anaphylaxis from human lung tissue. Kaliner M.  
Can Med Assoc J 110:431 passim, 15 Feb 74 (27 ref.)  
Treatment of severe asthma. Franklin W.  
N Engl J Med 290:1469-72, 27 Jun 74  
[Allergic bronchial asthma: diagnosis and desensitization (author's transl)] Fuchs E.  
Frax Pneumol 28:78-84, Feb 74 (31 ref.) (Eng. Abstr.) (Ger)  
[Diagnosis and therapeutic problems of bronchial asthma in childhood (author's transl)] Menger W.  
Frax Pneumol 28:71-8, Feb 74 (21 ref.) (Eng. Abstr.) (Ger)  
[A comparison of allergic bronchial asthma and other obstructive respiratory diseases (author's transl)] Ulmer WT.  
Frax Pneumol 28:85-92, Feb 74 (26 ref.) (Eng. Abstr.) (Ger)

### AURICULAR FIBRILLATION (C8)

[Positive venous pulse] Grishkevich VM.  
Kardiologiya 12:136-43, Jul 73 (90 ref.) (Rus)

### AUSTRALIA ANTIGEN (B4, D12)

Hepatitis B (Australia) antigen--current clinical and epidemiological concepts. Patterson CP, et al.  
Aris Med 31:258-62, Apr 74 (33 ref.)

### AUTISM, EARLY INFANTILE (F2)

The development of infantile autism. Rutter M.  
Psychol Med 4:147-63, May 74 (142 ref.)

### AUTOANTIBODIES (D12)

The roles of T and B lymphocytes in self-tolerance and autoimmunity. Allison AC.  
Contemp Top Immunobiol 3:227-42, 1974 (46 ref.)

### AUTOIMMUNE DISEASES (C14)

Experimental autoimmune thyroiditis. Weigle WO.  
Pathol Annu 8:329-47, 1973 (70 ref.)  
[Immunity and virus] Kobayashi H, et al.  
Jap J Clin Med 31:3363-7, Dec 73 (43 ref.) (Jap)

### AUTOMOBILE DRIVING (I)

[Driving ability as influenced by various drugs] Hauck G, et al. Med Klin 69:525-9, 29 Mar 74 (4 ref.)

### AVITAMINOSIS (C13)

[Supply of vitamins and iron to premature babies] Lindberg T.  
Lakartidningen 70:3300-2, 19 Sep 73 (32 ref.) (Eng. Abstr.) (Swe)

### BACILLUS SUBTILIS (B3)

Transfection in B. subtilis. Trautner TA, et al.  
Curr Top Microbiol Immunol 62:61-88, 1973 (117 ref.)

### BACTERIA (B3)

Effect of bacterial enterotoxins on the gastrointestinal tract. Banwell JG, et al.  
Gastroenterology 65:467-97, Sep 73 (290 ref.)  
Blood-group and Forssman antigenic determinants shared between microbes and mammalian cells. Springer GF. Prog Allergy 15:9-77, 1971 (296 ref.)  
[Calcification in bacteria] Takasoe I.  
Jap J Bacteriol 28:489-97, Nov 73 (37 ref.) (Jap)  
[Continuous cultivation as a method of studying the physiology of microorganisms (review)] Zhdanova LG, et al.  
Zh Mikrobiol Epidemiol Immunobiol 51:129-33, Mar 74 (86 ref.) (Eng. Abstr.) (Rus)

### BACTERIAL INFECTIONS (C1)

Anaerobic infections (third of three parts). Gorbach SL, et al. N Engl J Med 290:1289-94, 6 Jun 74 (37 ref.)  
[Preventive use of antibiotics in surgical procedures] Bruun JN.  
Tidskr Nor Laegeforen 94:741-5, 30 Apr 74 (37 ref.) (Nor)

### BACTERIAL PROTEINS (D10)

Utilization of non-protein nitrogen in the production of animal protein. Chalupa W.  
Proc Nutr Soc 32:96-105, Sep 73 (39 ref.)  
Microbial protein synthesis. Thomas PC.  
Proc Nutr Soc 32:85-91, Sep 73 (60 ref.)

### BACTERIAL VACCINES (D12)

[Oral vaccines for preventing intestinal infections (literature review)] Kheifets LB.  
Zh Mikrobiol Epidemiol Immunobiol 51:21-8, Mar 74 (104 ref.) (Rus)

### BARBITURATES (D2, D6)

The identification of barbiturates from biological specimens. Jain NC, et al.  
J Chromatogr Sci 12:229-36, May 74 (112 ref.)

### BASAL METABOLISM (E1, G1)

Studies on stabilization of the oxidative phosphorylation system. 3. The effects of substrates and ATP on sensitivity of various energy-linked functions of submitochondrial particles to phospholipase A from Crotalus terrificus venom. Luzikov VN, et al. J Bioenerg 4:521-32, Jul 73

### BASEMENT MEMBRANE (A10)

[Structure and function of basement membrane] Kozłowska K.  
Pol Arch Med Wewn 51:415-23, Apr 74 (41 ref.) (Pol)

### BEER (J)

[Different hazards of liver cirrhosis in beer drinkers and wine drinkers?] Glaziel H.  
Med Klin 69:469-74, 15 Mar 74 (34 ref.) (Ger)

### BEHAVIOR (F1)

Observational study of behavior: sampling methods. Altmann J. Behaviour 49:237-67, 1974 (84 ref.)

### BEHAVIOR, ANIMAL (F1)

Observational study of behavior: sampling methods. Altmann J. Behaviour 49:237-67, 1974 (84 ref.)  
Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al.  
Prog Brain Res 39:461-70, 1973 (38 ref.)

### BEHAVIOR THERAPY (F3)

[Conditioning psychotherapy, the modern replica of classical psychoanalysis] Ionescu G.  
Neurol Psychiatr Neurochir 18:483-94, Nov-Dec 73 (43 ref.) (Eng. Abstr.) (Rom)

### BIGUANIDES (D2)

Studies on the effect and mode of action of chlorhexidine in dental plaque inhibition. Gjermo P.  
Nor Tanningsforen Tid 84:218-26, Jun 74 (54 ref.)

### BILE (A12)

[Macromolecular complex of bile and its clinical significance (review of literature and author's studies)] Komarov FI, et al.  
Ter Arkh 46:107-13, 1974 (50 ref.) (Eng. Abstr.) (Rus)

### BILE ACIDS AND SALTS (D7)

[Macromolecular complex of bile and its clinical significance (review of literature and author's studies)] Komarov FI, et al.  
Ter Arkh 46:107-13, 1974 (50 ref.) (Eng. Abstr.) (Rus)

### BILIARY TRACT DISEASES (C4)

[Serum enzyme activity in liver and biliary tract diseases] Gerlach U.  
Curr Probl Clin Biochem 1:165-96, 1968 (105 ref.) (Ger)  
[Macromolecular complex of bile and its clinical significance (review of literature and author's studies)] Komarov FI, et al.  
Ter Arkh 46:107-13, 1974 (50 ref.) (Eng. Abstr.) (Rus)

### BINDING SITES, ANTIBODY (D12)

Antigen-binding receptors on lymphocytes. Davis JM, et al. Contemp Top Immunobiol 2:171-92, 1974 (59 ref.)  
Cognition and recognition of antigen by cell associated receptors. Singhal SK, et al.  
Prog Allergy 15:188-222, 1971 (131 ref.)

### BIOGENIC AMINES (D2)

Biogenic amines in the pituitary gland: what is their origin and function? Pituitary indolamines. Hyppä M, et al. Prog Brain Res 39:211-5, 1973 (29 ref.)  
Distribution of biogenic amines in the pituitary gland. Jacobowitz DM.  
Prog Brain Res 39:199-209, 1973 (22 ref.)

### BIOLOGICAL TRANSPORT, ACTIVE

#### (G1)

Chemiosmotic interpretation of active transport in bacteria. Harold FM.  
Ann NY Acad Sci 227:297-311, 18 Feb 74 (63 ref.)  
Evaluation of the chemiosmotic interpretation of active transport in bacterial membrane vesicles. Lombardi FJ, et al.  
Ann NY Acad Sci 227:312-27, 18 Feb 74 (46 ref.)

### BIOLOGY (G1)

[Oral structure biology and its effects on dental practice] Schroeder HE.  
Dtsch Zahn Mund Kieferheilkd 62:129-39, Mar 74 (58 ref.) (Ger)

### BIOMECHANICS (G1, H)

Mechanics and energetics of the normal and failing heart. Braunwald E.  
Trans Assoc Am Physicians 84:63-94, 1971 (62 ref.)

### BIOMEDICAL ENGINEERING (G2, J)

[Biomedical engineering and circulatory system physiology-introduction to systems physiology] Sagawa K.  
Jap J Med Electron 11:341-8, Aug 73 (26 ref.) (Jap)

### BIOPHYSICS (G1, H)

Van der Waals forces in biological systems. Israelachvili JN.  
Q Rev Biophys 6:341-87, Nov 73 (65 ref.)

### BIOPSY (E1, E4, E5)

The role of biopsy in the evaluation of inflammatory diseases of the liver. Orr W.  
Pathol Annu 8:1-90, 1973 (147 ref.)  
Liver biopsy. Osborne CA, et al.  
Vet Clin North Am 4:333-50, May 74 (33 ref.)

### BIOPSY, NEEDLE (E1)

Kidney biopsy. Osborne CA, et al.  
Vet Clin North Am 4:351-65, May 74 (14 ref.)

## BIRTH WEIGHT

### BIRTH WEIGHT (G1)

- [Prenatal dystrophy] Manake H.  
Med Monatsschr 28:14-9, Jan 74 (36 ref.) (Ger)  
[Modern views on further development of children with low birth weight] Janus-Kukulaka A.  
Pediater Pol 49:637-33, May 74 (43 ref.) (Pol)

### BLADDER NEOPLASMS (C2)

- [Chemical factors and cancer of the bladder] Holmberg B.  
Lakartidningen 71:2173-5, 22 May 74 (58 ref.) (Eng. Abstr.) (Swe)

### BLOOD CIRCULATION (G1)

- Circulatory adjustments under spinal anesthesia.  
Shimamoto S.  
Int Anesthesiol Clin 12:137-44, Spring 74 (15 ref.)  
Regulation of the circulation (second of two parts).  
Braunwald E.  
N Engl J Med 290:1430-5, 20 Jun 74 (44 ref.)

### BLOOD COAGULATION (G1)

- Effect of anesthetics on surgical blood loss. Massion WH, et al.  
Int Anesthesiol Clin 12:203-13, Spring 74 (24 ref.)  
[Role of formed elements and the vascular wall in the process of blood coagulation (review of the literature and personal data)] Kuznik BI, et al.  
Probl Gematol Pereliv Krovi 19:50-6, Mar 74 (99 ref.) (Rus)

### BLOOD GROUPS (D12, G1)

- Blood-group and Forssman antigenic determinants shared between microbes and mammalian cells.  
Springer GF. Prog Allergy 15:9-77, 1971 (296 ref.)

### BLOOD PLATELET DISORDERS (C9)

- [Principles of the diagnosis and classification of thrombocytopathies] Barkagan ZS.  
Probl Gematol Pereliv Krovi 19:3-12, 1974 (47 ref.) (Eng. Abstr.) (Rus)

### BLOOD PLATELETS (A11)

- On the mechanism of the induction of the platelet release reaction. Lüscher EF, et al.  
Acta Univ Carol [Med Monogr] (Praha) 53:69-74, 1973 (26 ref.)  
Mutual interaction between platelets and fibrinogen and its derivatives. Stachurska J, et al.  
Acta Univ Carol [Med Monogr] (Praha) 53:17-20, 1973 (15 ref.)  
The release reaction. Stormorken H.  
Acta Univ Carol [Med Monogr] (Praha) 53:65-8, 1973 (10 ref.)  
Platelets, thrombosis and coronary artery disease. Genton E, et al. Adv Cardiol 2:29-39, 1973 (25 ref.)  
Platelet lipid modifications induced by fatty acids. Experimental studies and correlations with human neuropathology. Andreoli VM, et al.  
Haemostasis 2:118-40, 1973-74 (59 ref.)

### BLOOD PROTEINS (D10)

- [Neonatal pharmacology] Langalet A.  
Tidskr Nor Laegeforen 94:711-2, 30 Apr 74 (10 ref.) (Nor)

### BLOOD VESSELS (A7)

- The rôle of surface phenomena in intravascular thrombosis. Sawyer PN, et al.  
Bibl Anat 12:106-19, 1973 (39 ref.)

### BODY FLUIDS (A12)

- Body fluids and diarrhoea: dynamics of dysfunction.  
Michell AR. Vet Rec 94:311-5, 6 Apr 74 (85 ref.)

### BODY TEMPERATURE REGULATION (G1)

- Thyroid thermogenesis. Edelman IS.  
N Engl J Med 290:1303-9, 6 Jun 74 (12 ref.)

### BONE AND BONES (A2, A10)

- Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 54:751-8, Jun 74 (30 ref.)  
Calcium and phosphate metabolism and the bone. Morgan DB. Prog Surg 10:34-75, 1973 (111 ref.)

### BONE DISEASES (C3)

- Abnormalities of bone and orofacial changes from anticonvulsant drugs. Israel H.  
J Public Health Dent 34:104-5, Spring 74 (8 ref.)

## MEDICAL REVIEWS

### BONE MARROW DISEASES (C9)

- [Sulfamethoxazole-trimethoprim and megaloblastic anemia] Lindahl A.  
Ugeskr Laeger 136:835-6, 8 Apr 74 (14 ref.) (Dan)  
[Aplastic and hypoplastic bone marrow diseases] Heimpeil H. Med Klin 69:404-11, 8 Mar 74 (30 ref.) (Ger)

### BRAIN (A8)

- Hypertension and the brain. Sandok BA, et al.  
Arch Intern Med 133:947-54, Jun 74 (95 ref.)  
Theoretical view of REM sleep function: maintenance of catecholamine systems in the central nervous system. Stern WC, et al.  
Behav Biol 11:1-32, May 74 (178 ref.)  
Editorial: On the critical lower level of cerebral blood flow in man with particular reference to carotid surgery. Boysen G, et al.  
Circulation 49:1023-5, Jun 74 (21 ref.)

### BRAIN DISEASES (C10)

- Control of cerebral circulation in health and disease. Lassen NA. Circ Res 34:740-80, Jun 74 (119 ref.)  
[Cerebral symptoms in the neonatal period. Prognosis and treatment] Finne H.  
Tidskr Nor Laegeforen 94:709-4, 30 Apr 74 (11 ref.) (Nor)

### BRAIN NEOPLASMS (C2)

- [Radiolabel methods of study of the cerebrospinal fluid dynamics under normal conditions and in pathology] Naumenko Iul, et al.  
Med Radiol (Mosk) 18:63-70, Oct 73 (39 ref.) (Rus)

### BREAST NEOPLASMS (C2)

- Hormones and neoplasia. Forrest AP.  
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)

### BREATH TESTS (E1)

- A review of breath alcohol methods. Jain NC, et al.  
J Chromatogr Sci 12:214-8, May 74 (33 ref.)

### BREEDING (G1)

- A review of some aspects concerning mating and reproduction in sheep. Tonder EM van.  
J S Afr Vet Med Assoc 43:329-42, Dec 73 (111 ref.)

### BRONCHI (A4)

- The cartilaginous skeleton of the bronchial tree. Vanpeperstraete F.  
Adv Anat Embryol Cell Biol 48:1-90, 1973 (115 ref.)

### BURNS (C14)

- Current concepts of burn pathology and mechanisms of deformity in the burned hand. Brown HC.  
Orthop Clin North Am 4:967-99, Oct 73 (13 ref.)

### CALCITONIN (D8)

- Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 54:751-8, Jun 74 (30 ref.)  
Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I.  
Curr Top Exp Endocrinol 2:179-93, 1974 (57 ref.)

### CALCIUM (D1)

- A recognition of the interrelationship of calcium with various dietary components. McBean LD, et al.  
Am J Clin Nutr 27:903-9, Jun 74 (47 ref.)  
Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 54:751-8, Jun 74 (30 ref.)  
Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I.  
Curr Top Exp Endocrinol 2:179-93, 1974 (57 ref.)  
Intestinal absorption of calcium and the effect of renal insufficiency. Coburn JW, et al.  
Kidney Int 4:96-104, Aug 73 (93 ref.)  
The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF.  
Kidney Int 4:90-8, Aug 73 (83 ref.)  
Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)  
Calcium and phosphate metabolism and the bone. Morgan DB. Prog Surg 10:34-75, 1973 (111 ref.)  
[Calcification in bacteria] Takase I.  
Jap J Bacteriol 25:489-97, Nov 73 (37 ref.) (Jap)

### CALCIUM, DIETARY (D1)

- A recognition of the interrelationship of calcium with various dietary components. McBean LD, et al.  
Am J Clin Nutr 27:903-9, Jun 74 (47 ref.)

### CANDIDA ALBICANS (B5)

- The significance of Candida albicans in denture stomatitis. Budtz-Jørgensen E.  
Scand J Dent Res 82:151-60, 1974 (173 ref.)

### CANNABIS (B6, D2, D6)

- The metabolism of the tetrahydrocannabinols. Lemberger L.  
Adv Pharmacol Chemother 10:221-55, 1973 (143 ref.)

### CARBON TETRACHLORIDE (D2)

- Chemical, biochemical and toxicological differences between carbon tetrachloride and chloroform. A critical review of recent investigations of these compounds in mammals. Hathway DE.  
Arzneim Forsch 24:173-6, Feb 74 (63 ref.)

### CARCINOEMBRYONIC ANTIGEN (D12)

- Clinical value of tumour-associated antigens. Neville AM. J Clin Pathol [Suppl] 7:119-26, 1974 (87 ref.)

### CARCINOGENS (D13)

- The predictive value of mouse liver tumour induction in carcinogenicity testing—a literature survey. Tomatis L, et al.  
Int J Cancer 12:1-20, 15 Jul 73 (345 ref.)  
The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polymers. Rabin BR, et al.  
J Clin Pathol [Suppl] 7:51-9, 1974 (26 ref.)

### CARCINOMA, EPIDERMAL (C2)

- Carcinoma of the tongue in a child. Report of a case and review of the literature. Turner H, et al.  
Oral Surg 37:563-7, May 74 (13 ref.)

### CARDIOVASCULAR DISEASES (C8)

- [Significance of prediagnosis in cardiovascular diseases] Wenger R.  
Med Monatsschr 28:12-4, Jan 74 (4 ref.) (Ger)

### CARDIOVASCULAR SYSTEM (A7)

- [Biomedical engineering and circulatory system physiology—introduction to systems physiology] Sagawa K.  
Jap J Med Electron 11:241-5, Aug 73 (26 ref.) (Jap)

### CAROTID ARTERIES (A7)

- Editorial: On the critical lower level of cerebral blood flow in man with particular reference to carotid surgery. Boysen G, et al.  
Circulation 49:1023-5, Jun 74 (21 ref.)  
[Positive and negative aspects of modern techniques of carotid and vertebral angiography] Bryce S.  
Pol Tyg Lek 29:743-5, 29 Apr 74 (22 ref.) (Pol)

### CAROTID SINUS (A7)

- [Carotid sinus pressure test for diagnosis of unexplained syncope attacks and indication for pacemaker treatment] Kindermann G.  
Med Klin 69:477-90, 22 Mar 74 (30 ref.) (Ger)

### CARTILAGE (A10)

- The cartilaginous skeleton of the bronchial tree. Vanpeperstraete F.  
Adv Anat Embryol Cell Biol 48:1-90, 1973 (115 ref.)

### CATECHOLAMINES (D2)

- Theoretical view of REM sleep function: maintenance of catecholamine systems in the central nervous system. Stern WC, et al.  
Behav Biol 11:1-32, May 74 (178 ref.)

### CATTLE (B2)

- Protein-energy interrelationships in growth and lactation of cattle and sheep. Broster WH.  
Proc Nutr Soc 22:115-22, Sep 73 (54 ref.)

### CELL DIVISION (G1)

- Effects of tumour viruses on cell growth. Stoker MG.  
J Clin Pathol [Suppl] 7:60-4, 1974 (23 ref.)  
Regulation of cell growth by cyclic AMP.  
Nutr Rev 31:238-9, Jul 73 (11 ref.)  
[Chalones. Endogenous inhibitors of cell division?] Paukovits WR. Biol 27:217-22, Oct 73 (28 ref.) (Ger)



## CELL MEMBRANE (A11)

The membrane structure of lipid-containing viruses. Leonard J, et al. *Biochim Biophys Acta* 344:51-94, 8 Apr 74 (319 ref.)  
Ligand-induced redistribution of membrane macromolecules: some possible implications for cancer. Raff MC, et al. *J Clin Pathol [Suppl]* 7:31-4, 1974 (34 ref.)  
Membrane associated antigens in chemically-induced tumours. Baldwin RW. *Ser Haematol* 5:87-93, 1973 (90 ref.)

## CELL MEMBRANE PERMEABILITY (G1)

[State of cellular permeability in hemolytic disease of the newborn and in certain hemolytic states in older children (review of the literature)] Dobronravov AV. *Vopr Okhr Materin Det* 18:56-9, Jan 73 (Rus)

## CELL MOVEMENT (G1)

Muscular contraction and cell motility. Huxley HE. *Nature* 243:445-9, 22 Jun 73 (80 ref.)

## CELL TRANSFORMATION, NEOPLASTIC (C2, G1)

Tumours of the lymphoreticular system: nomenclature, histogenesis, and behaviour. Gowing NF. *J Clin Pathol [Suppl]* 7:103-7, 1974 (65 ref.)  
Some studies on early embryonic development relevant to the study of cancer. Woodland HR. *J Clin Pathol [Suppl]* 7:36-30, 1974 (23 ref.)  
On a eukaryotic cell-transformation by a bacterium. Knopf UC. *Subcell Biochem* 3:39-48, Mar 74 (89 ref.)

## CELLS (A11)

How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW. *Prog Brain Res* 39:31-39, 1973 (80 ref.)

## CELLS, CULTURED (A11)

[Characteristics of the interactions of viruses and cells in chronically infected cultures] Andshapardze OG, et al. *Vopr Virologi* 18:843-9, Nov-Dec 73 (74 ref.) (Rus)

## CENTRAL NERVOUS SYSTEM (A8)

Morphological plasticity of central adrenergic neurones. Stenevi U, et al. *Brain Behav Evol* 8:110-34, 1973 (49 ref.)

## CENTRAL NERVOUS SYSTEM DISEASES (C10)

Central nervous system disease associated with *Mycoplasma pneumoniae* infection: report of five cases and review of the literature. Lerer RJ, et al. *Pediatrics* 52:858-65, Nov 73 (30 ref.)  
[Possible damage of the central nervous system due to toxic industrial substances] Bittersohl G. *Z Gesamte Hyg* 30:73-8, Feb 74 (88 ref.) (Ger)

## CEREBELLUM (A8)

Cerebellar afferent systems: a review. Bloedel JR. *Prog Neurobiol* 2:3-66, 1973 (389 ref.)

## CEREBRAL ANGIOGRAPHY (E1)

[Positive and negative aspects of modern techniques of carotid and vertebral angiography] Bryc S. *Poi Tyg Lek* 29:743-5, 29 Apr 74 (23 ref.) (Pol)

## CEREBRAL ARTERIOVENOUS

## MALFORMATIONS (C8, C10, C16)

Infra and supratentorial arteriovenous malformations, a general review. About 2 cases of spontaneous supratentorial arteriovenous malformation of the dura. Debrun G, et al. *Neuroradiology* 3:184-93, Apr 72 (34 ref.)

## CEREBROSPINAL FLUID (A12)

[Radioisotope methods of study of the cerebrospinal fluid dynamics under normal conditions and in pathology] Naumenko IuI, et al. *Med Radiol (Mosk)* 18:63-70, Oct 73 (39 ref.) (Rus)

## CEREBROVASCULAR CIRCULATION (G1)

Control of cerebral circulation in health and disease. Lassen NA. *Circ Res* 34:749-80, Jun 74 (119 ref.)  
Editorial: On the critical lower level of cerebral blood flow in man with particular reference to carotid surgery. Boysen G, et al. *Circulation* 49:1023-5, Jun 74 (21 ref.)

## CESIUM ISOTOPES (D1)

Present status of radium. Simon N. *NY State J Med* 74:223-4, May 74 (10 ref.)

## CHALONES (D11)

[Chalones. Endogenous inhibitors of cell division?] Paukovits WR. *Bist* 27:217-22, Oct 73 (28 ref.) (Ger)

## CHILD DEVELOPMENT (F1)

[Modern views on further development of children with low birth weight] Janus-Kukulaka A. *Pediatr Pol* 49:627-33, May 74 (43 ref.) (Pol)

## CHILD DEVELOPMENT DEVIATIONS (F1, F2)

Emotional disorder and educational underachievement. Rutter M. *Arch Dis Child* 49:349-56, Apr 74 (46 ref.)

## CHLOROFORM (D2, D6)

Chemical, biochemical and toxicological differences between carbon tetrachloride and chloroform. A critical review of recent investigations of these compounds in mammals. Hathway DE. *Arzneim Forsch* 34:173-8, Feb 74 (63 ref.)

## CHOLERA (C1)

[Epidemiology of cholera today in foreign countries] Akiev AK. *Za Mikrobiol Epidemiol Immunobiol* 51:9-16, Mar 74 (32 ref.) (Eng. Abstr.) (Rus)

## CHROMATIN (A11, D10)

Chromatin and ribonucleic acid polymerases in the eukaryotic cell. Biswas BB. *Subcell Biochem* 3:27-39, Mar 74 (68 ref.)

## CHROMATOGRAPHY, AFFINITY (H)

Affinity chromatography. Turková J. *J Chromatogr* 91:387-91, 34 Apr 74 (187 ref.)

## CHROMATOPHORES (A11)

The relation between H<sup>+</sup>-uptake and electron flow in chromatophores from photosynthetic bacteria. Crofts AR, et al. *Ann NY Acad Sci* 227:227-43, 18 Feb 74 (41 ref.)

## CHROMOSOME ABERRATIONS (G1)

Recent advances in the assessment of genetic hazards of ionizing radiation. Sankaranarayanan K. *At Energy Rev* 12:47-74, 1974 (57 ref.)

## CHROMOSOMES, HUMAN, 4-5 (A11)

[Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskala MI. *Probl Gematol Pereliv Krovi* 19:56-60, Mar 74 (85 ref.) (Rus)

## CHROMOSOMES, HUMAN, 6-12 (A11)

[Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskala MI. *Probl Gematol Pereliv Krovi* 19:56-60, Mar 74 (85 ref.) (Rus)

## CHROMOSOMES, HUMAN, 19-20 (A11)

[Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskala MI. *Probl Gematol Pereliv Krovi* 19:56-60, Mar 74 (85 ref.) (Rus)

## CHROMOSOMES, HUMAN, 21-22 (A11)

[Study of metaphasic chromosomes by the method of fluorescence (review of the literature)] Korenevskala MI. *Probl Gematol Pereliv Krovi* 19:56-60, Mar 74 (85 ref.) (Rus)

## CIRCADIAN RHYTHM (G1)

The pineal gland: a neurochemical transducer. Axelrod J. *Science* 184:1341-3, 28 Jun 74 (62 ref.)

## COAL MINING (J)

Black lung disease, the anthracotic pneumoconiosis. Naeve RL. *Pathol Annu* 8:349-77, 1973 (106 ref.)

## COCKROACHES (B1)

Neuroanatomy of the mesothoracic ganglion of the cockroach *Periplaneta americana* (L.). I. The roots of the peripheral nerves. Gregory GE. *Philos Trans R Soc Lond [Biol]* 367:421-65, 16 May 74 (99 ref.)

## COLCHICINE (D2, D6)

Colchicine. Wallace SL. *Semin Arthritis Rheum* 3:369-81, Summer 74 (102 ref.)

## COLITIS, ULCERATIVE (C4)

[Ulcerative colitis] Kuroe K, et al. *Jap J Clin Med* 31:3421-7, Dec 73 (55 ref.) (Jap)

## COLLAGEN (D10)

Biosynthesis of collagen. The biochemist's view. Miller EJ, et al. *Fed Proc* 33:1197-304, May 74 (97 ref.)  
Collagen metabolism, uremia and bone. Avioli LV. *Kidney Int* 4:105-15, Aug 73 (102 ref.)

## COLLAGEN DISEASES (C17)

Connective tissue disorders in otolaryngology. Lucente FE. *Ann Otol Rhinol Laryngol* 83:314-22, May-Jun 74 (38 ref.)

## COLON (A3)

[Transcellular transport and electric potentials in the normal and inflamed human colon] Madsen JR. *Ugeskr Laeger* 135:1513-20, 16 Jul 73 (Eng. Abstr.) (Dan)

## COMMUNICABLE DISEASES (C1)

Use of corticosteroids in the treatment of infectious diseases. Krober M. *South Med J* 67:730-32, Jun 74 (79 ref.)

## COMMUNITY MENTAL HEALTH SERVICES (F3, N2)

Mental health volunteers as change agents. Siegel JM. *Am J Community Psychol* 1:136-58, Apr-Jun 73 (79 ref.)

## CONCAVALIN A (D10, D12)

Ligand-induced redistribution of membrane macromolecules: some possible implications for cancer. Raff MC, et al. *J Clin Pathol [Suppl]* 7:31-4, 1974 (34 ref.)

## CONTRACEPTIVE AGENTS (D13)

Hormonal contraception. Dorfman RI. *Life Sci* 14:827-35, 1 Mar 74 (23 ref.)

## CONTRACEPTIVES, ORAL (D8, D13)

Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets. *Nutr Rev* 32:149-52, May 74 (8 ref.)

## CORONARY DISEASE (C8)

The pathophysiologic panorama of myocardial ischemia and infarction. Elliot RS, et al. *Adv Cardiol* 9:3-14, 1973 (28 ref.)  
Platelets, thrombosis and coronary artery disease. Genton E, et al. *Adv Cardiol* 9:29-39, 1973 (25 ref.)  
The pathophysiologic vulnerability of the subendocardium of the left ventricle. Guy CR, et al. *Adv Cardiol* 9:43-53, 1973 (44 ref.)  
The usefulness of exercise therapy in the management of coronary heart disease. Hartley LH, et al. *Adv Cardiol* 9:174-9, 1973 (30 ref.)

## CORONARY DISEASE

- Epidemiological studies. Relation between dietary fat and arterial and venous thrombosis. Stormorken H. *Haemostas* 2:1-12, 1973-74 (31 ref.)  
Effect of anaesthesia on myocardial tolerance to ischemia. Spieckermann PG, et al.  
*Int Anesthesiol Clin* 12:51-81, Spring 74 (31 ref.)  
Dietary carbohydrates in lipid disorders in man. Albrink MJ.  
*Frog Biochem Pharmacol* 8:343-70, 1973 (95 ref.)  
[Genetic and environmental aspects in relation to coronary heart diseases] Berg K.  
*Tidsskr Nor Laegeforen* 94:551-7, 30 Mar 74 (30 ref.) (Nor)

## CORONARY VESSELS (A7)

- Mechanisms augmenting coronary arterial oxygen extraction. Grover RF.  
*Adv Cardiol* 9:89-96, 1973 (31 ref.)

## CORPUS LUTEUM (A5)

- The evolutionary history of the corpus luteum. Browning HC. *Biol Reprod* 8:128-57, Mar 73 (156 ref.)

## CORTICOTROPIN (D8)

- Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL. *Frog Brain Res* 39:361-72, 1973 (33 ref.)  
Antagonism between morphine and the polypeptides ACTH, ACTH1-24 and beta-MSH in the nervous system. Zimmermann E, et al.  
*Frog Brain Res* 39:383-94, 1973 (31 ref.)  
[Steroid therapy using ACTH or corticoids? Indications, effectiveness, and adverse effects of ACTH-therapy] Hannemann HR.  
*Med Klin* 69:513-24, 29 Mar 74 (136 ref.) (Ger)

## CORYNEBACTERIUM (B3)

- Immunity to *Corynebacterium pseudotuberculosis*. Cameron CM.  
*J S Afr Vet Med Assoc* 43:343-9, Dec 72 (11 ref.)

## CORYNEBACTERIUM INFECTIONS (C1)

- Immunity to *Corynebacterium pseudotuberculosis*. Cameron CM.  
*J S Afr Vet Med Assoc* 43:343-9, Dec 72 (11 ref.)

## CROSS INFECTION (C1, G3)

- Nosocomial infections and the urologist. Evans AT. *J Urol* 111:813-6, Jun 74 (11 ref.)

## CYTOCHROME C (D9, D10)

- A monomolecular electron transfer chain: structure and function of cytochrome C3. Der Vartanian DV, et al. *Biochim Biophys Acta* 344:79-99, 30 Apr 74 (64 ref.)

## CYTOPATHOGENIC EFFECT, VIRAL (E1, G1)

- [Characteristics of the interactions of viruses and cells in chronically infected cultures] Andzhaparidze OG, et al. *Vopr Virolog* 18:643-9, Nov-Dec 73 (74 ref.) (Rus)

## DAIRY PRODUCTS (J)

- Polyunsaturated ruminants. *Nutr Rev* 31:309-10, Jul 73 (5 ref.)

## DEHYDRATION (C13)

- [Some clinical syndromes associated with hormonally-active tumors of pancreatic islets derived from non-insulin-producing cells] Palasz M.  
*Wiad Lek* 27:521-5, 15 Mar 74 (36 ref.) (Eng. Abstr.) (Fol)

## DEMOGRAPHY (I, N1)

- Biological determinants of demographic processes. Menken J.  
*Am J Public Health* 64:857-61, Jul 74 (48 ref.)

## DENTAL CARIES (C4)

- Frequency of eating and dental caries prevalence. *Nutr Rev* 32:139-41, May 74 (6 ref.)

## DENTAL IMPLANTATION (E4, E6)

- [Dental implantology—a review of the literature] Schlegel D.  
*Dtsch Zahnärztl Z* 90:176-86, Feb 73 (80 ref.) (Eng. Abstr.) (Ger)

## MEDICAL REVIEWS

### DENTAL PLAQUE (C4)

- Studies on the effect and mode of action of chlorhexidine in dental plaque inhibition. Gjermo P. *Nor Tannlaegeforen Tid* 84:216-26, Jun 74 (54 ref.)

### DENTAL PROSTHESIS (E6)

- The significance of *Candida albicans* in denture stomatitis. Budtz-Jørgensen E.  
*Scand J Dent Res* 82:151-90, 1974 (173 ref.)

### DEPRESSION (F2)

- Depressive reactions associated with reserpine. Ambrosino SV.  
*NY State J Med* 74:860-4, May 74 (21 ref.)

### DIABETES MELLITUS (C7, C13)

- Triglyceride metabolism in diabetes mellitus. Nikkilä EA. *Frog Biochem Pharmacol* 8:371-99, 1973 (151 ref.)  
[Changes of the oxygen release of the red cells in diabetes] Ditzel J, et al.  
*Ugeskr Laeger* 136:812-4, 8 Apr 74 (25 ref.) (Eng. Abstr.) (Dan)  
[Diabetic arthropathy] Reinhardt K.  
*Dtsch Med Wochenschr* 99:98-102, Jan 74 (93 ref.) (Ger)  
[Aging and diabetes: diabetes mellitus] Hannya H. *Jap J Clin Med* 32:119-23, Jan 74 (19 ref.) (Jap)

### DIABETES MELLITUS, JUVENILE (C7, C13)

- [Changes of the oxygen release of the red cells in diabetes] Ditzel J, et al.  
*Ugeskr Laeger* 136:812-4, 8 Apr 74 (25 ref.) (Eng. Abstr.) (Dan)

### DIABETIC NEUROPATHIES

#### (C7, C10, C13)

- [Visceral diabetic neuropathy] Jadrinsky M, et al. *Acta Diabetol Lat* 10:306-60, Mar-Apr 73 (167 ref.) (Spa)

### DIABETIC RETINOPATHY

#### (C7, C8, C11, C13)

- [Indications for xenon photocoagulation in diabetic retinopathies] Maciejewski Z.  
*Wiad Lek* 27:527-30, 15 Mar 74 (18 ref.) (Eng. Abstr.) (Pol)

### DIAGNOSIS, ORAL (E1, E6)

- [Oral structure biology and its effects on dental practice] Schroeder HE.  
*Dtsch Zahn Mund Kieferheilkd* 63:129-39, Mar 74 (58 ref.) (Ger)

### DIARRHEA (C4)

- Enteric *Escherichia coli* diseases in weaned pigs. Svendsen J. *Nord Vet Med* 26:326-33, Mar 74 (86 ref.)  
Chronic diarrhea in infants and children. II. Poley JR. *South Med J* 66:1133-41, Oct 73 (312 ref.)  
Body fluids and diarrhoeas: dynamics of dysfunction. Michell AR. *Vet Rec* 94:311-5, 6 Apr 74 (65 ref.)

### DIARRHEA, INFANTILE (C4)

- Chronic diarrhea in infants and children. II. Poley JR. *South Med J* 66:1133-41, Oct 73 (312 ref.)

### DIET (E2)

- Chemically defined diets. Bury KD, et al. *Can J Surg* 17:124-34, May 74 (36 ref.)  
Calorie supplementation and growth of pre-school children. *Nutr Rev* 32:141-3, May 74 (7 ref.)  
Amino acid requirements and amino acid supply in the sheep. Armstrong DG.  
*Frog Nutr Soc* 33:107-13, Sep 73 (27 ref.)  
[Dietary problems in the treatment of portal hypertension with special reference to portacaval shunt] Mitting D.  
*Med Klin* 69:454-9, 15 Mar 74 (13 ref.) (Ger)

### DIETARY CARBOHYDRATES (D11)

- Protein-energy interrelationships in growth and lactation of cattle and sheep. Broster WH. *Frog Nutr Soc* 32:115-23, Sep 73 (54 ref.)  
Dietary carbohydrates in lipid disorders in man. Albrink MJ.  
*Frog Biochem Pharmacol* 8:343-70, 1973 (95 ref.)

### DIETARY FATS (D11)

- Dietary fats and arterial thrombosis. Hornstra G. *Haemostas* 2:21-52, 1973-74 (131 ref.)  
Epidemiological studies. Relation between dietary fat and arterial and venous thrombosis. Stormorken H. *Haemostas* 2:1-12, 1973-74 (31 ref.)

### DIETARY PROTEINS (D10)

- Protein-energy interrelationships in growth and lactation of cattle and sheep. Broster WH. *Frog Nutr Soc* 32:115-23, Sep 73 (54 ref.)  
The influence of gut micro-organisms on utilization of dietary protein. Salter DN.  
*Frog Nutr Soc* 32:65-71, Sep 73 (28 ref.)

### DIPHOSPHOGLYCERIC ACIDS (D2, D11)

- The mechanism of interaction of red cell organic phosphates with hemoglobin. Benesch RE, et al. *Adv Protein Chem* 28:211-57, 1974 (125 ref.)

### DIPTERA (B1)

- Symposium on reproduction of arthropods of medical and veterinary importance. V. Reproduction in Diptera of medical importance with special reference to mosquitoes. Barr AR.  
*J Med Entomol* 11:35-40, 28 Mar 74 (29 ref.)

### DISEASE MODELS, ANIMAL (C17)

- Experimental autoimmune thyroiditis. Weigle WO. *Pathol Annu* 8:229-47, 1973 (70 ref.)

### DIVERTICULOSIS, COLONIC (C4)

- Diverticular disease of the colon. Shapiro JL. *South Med J* 67:710-22, Jun 74 (60 ref.)

### DNA (D10)

- Radiation damage and repair phenomena. Fox BW, et al. *Br Med Bull* 29:16-22, Jan 73 (74 ref.)

### DNA, VIRAL (D10)

- Transfection in *B. subtilis*. Trautner TA, et al. *Curr Top Microbiol Immunol* 62:61-88, 1973 (117 ref.)  
Synthesis of viral products by cell-free extracts. Phillips BA, et al.  
*Frog Med Virol* 13:83-155, 1971 (328 ref.)

### DOPA (D2, D6, D10)

- Pathophysiology of drug-induced dyskinesias. Korczyn AD. *Neuropharmacology* 11:601-7, Sep 72 (46 ref.)

### DOSE-RESPONSE RELATIONSHIP, RADIATION (E5)

- The significance of the time-dose relationship in radiotherapy. Wiernik G.  
*Br Med Bull* 29:39-43, Jan 73 (60 ref.)

### DRAINAGE (E4)

- [Choice of method of stomach drainage (by pyloroplasty or gastroenteroanastomosis) after vagotomy (review of the foreign literature)] Senitovich VF, et al.  
*Klin Khir* 3:50-4, Mar 74 (57 ref.) (Rus)

### DRUG ADDICTION (F2)

- [Insurance medicine rating of narcotic addicts (author's transl)] Möllhoff G.  
*Z Rechtsmed* 74:1-8, 29 Mar 74 (40 ref.) (Eng. Abstr.) (Ger)

### DRUG HYPERSENSITIVITY (C14)

- [Laboratory diagnosis of penicillin allergy] Weidemann G, et al.  
*Wien Med Wochenschr* 124:305-8, 18 May 74 (24 ref.) (Ger)

### DRUG RESISTANCE, MICROBIAL (G1)

- [Resistance to antimicrobial chemotherapy] Hovig B, et al.  
*Tidsskr Nor Laegeforen* 94:589-92, 30 Mar 74 (16 ref.) (Nor)

### DRUGS (D13)

- Percutaneous absorption. Brissau P.  
*Can Med Assoc J* 110:1182-5, 18 May 74 (31 ref.)



Survey of radiopharmaceuticals and their current status. Soloway AH, et al.  
J Pharm Sci 63:847-85, May 74 (103 ref.)

## DUMPING SYNDROME (C4)

[New method of surgical treatment of dumping syndrome] Shalimov AA, et al.  
Klin Khir 3:55-7, Mar 74 (8 ref.) (Rus)

## EAR DISEASES (C11)

Connective tissue disorders in otolaryngology. Lucente FE.  
Ann Otol Rhinol Laryngol 83:314-22, May-Jun 74 (38 ref.)

## EDEMA DISEASE OF SWINE (C15)

Enteric Escherichia coli diseases in weaned pigs. Svendsen J. Nord Vet Med 26:226-38, Mar 74 (86 ref.)

## EDUCATION, SPECIAL (I)

An Israeli experimental group with primary school dropouts outside the school setting. Berman Y.  
Child Welfare 50:236-40, Jun 71 (90 ref.)

## EDUCATIONAL STATUS (N1)

Emotional disorder and educational underachievement. Rutter M.  
Arch Dis Child 49:249-56, Apr 74 (48 ref.)

## ELECTRON TRANSPORT (G1)

The relation between H<sup>+</sup>-uptake and electron flow in chromatophores from photosynthetic bacteria. Crofts AR, et al.  
Ann NY Acad Sci 227:227-43, 18 Feb 74 (41 ref.)  
Structure of the mitochondrial electron transport system. Hatefi Y, et al.  
Ann NY Acad Sci 227:504-20, 18 Feb 74 (35 ref.)  
Studies on electron transport and energy-linked reactions using mutants of Escherichia coli. Cox GB, et al.  
Biochim Biophys Acta 346:1-35, 30 Apr 74 (75 ref.)  
A monomolecular electron transfer chain: structure and function of cytochrome C3. Der Vartanian DV, et al.  
Biochim Biophys Acta 346:79-99, 30 Apr 74 (64 ref.)  
The electromechanochemical model for energy coupling in mitochondria. Green DE.  
Biochim Biophys Acta 346:27-78, 30 Apr 74 (165 ref.)

## ELECTROPHORESIS,

### POLYACRYLAMIDE GEL (H)

Basic principles of polyacrylamide gel electrophoresis and some recent advances of the technique. Maurer HR. Ann Biol Clin (Paris) 29:205-10, 1971 (14 ref.)

## ELECTRORETINOGRAPHY (E1)

[Review of ocular electrophysiology (1971-1972)] Sole P, et al.  
Arch Ophthalmol (Paris) 33:707-18, Oct 73 (201 ref.) (Fre)

## EMBRYO (A10)

Some studies on early embryonic development relevant to the study of cancer. Woodland HR.  
J Clin Pathol [Suppl] 7:26-30, 1974 (22 ref.)

## ENCEPHALITIS (C10)

The growing importance of California arboviruses in the etiology of human disease. Henderson BE, et al.  
Prog Med Virol 13:404-61, 1971 (179 ref.)  
[Herpes simplex encephalitis. Acute necrotizing encephalitis and benign herpes simplex encephalitis] Buhl M.  
Ugeskr Laeger 136:815-21, 8 Apr 74 (25 ref.) (Eng. Abstr.) (Dan)

## ENCEPHALITIS VIRUSES (B4)

The growing importance of California arboviruses in the etiology of human disease. Henderson BE, et al.  
Prog Med Virol 13:404-61, 1971 (179 ref.)

## ENCEPHALOMYELITIS, ALLERGIC (C10, C14)

[Toxic and allergic disorders of the optic nerve (toxic and allergic encephalitis and encephalopathies of the 3rd optic neuron) (review of the literature)] Novokhatkif AS.  
Oftalmol Zh 28:90-5, 1973 (50 ref.) (Rus)

## ENDOCARDIUM (A7)

The pathophysiologic vulnerability of the subendocardium of the left ventricle. Guy CR, et al.  
Adv Cardiol 9:43-52, 1973 (44 ref.)

## ENDOCRINE GLANDS (A6)

Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reiter RJ.  
Prog Brain Res 39:281-7, 1973 (42 ref.)

## ENDONUCLEASES (D9)

Ribonuclease T1. Structure and function. Takahashi K, et al.  
Adv Biophys (Tokyo) 1:53-98, 1970 (79 ref.)

## ENDOPLASMIC RETICULUM (A11)

The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. Rabin BR, et al.  
J Clin Pathol [Suppl] 7:51-9, 1974 (26 ref.)

## ENDOSCOPY (E1)

[Contribution of endoscopy to the diagnosis of pancreatic diseases] Takemoto T, et al.  
Jap J Clin Med 31:534-41, Mar 73 (31 ref.) (Jap)

## ENDOTHELIUM (A10)

The rôle of surface phenomena in intravascular thrombosis. Sawyer FN, et al.  
Bibl Anat 12:106-19, 1973 (39 ref.)

## ENERGY METABOLISM (G1)

Hypothalamic regulation of energy balance and feeding behavior. Panksepp J.  
Fed Proc 33:1150-65, May 74 (164 ref.)  
Mechanism and energetics of the normal and failing heart. Braunwald E.  
Trans Assoc Am Physicians 84:63-94, 1971 (63 ref.)  
[Activity- and topographic pattern of enzymes of the energy-supplying metabolism] Pette D.  
Curr Probl Clin Biochem 1:15-52, 1968 (45 ref.) (Ger)

## ENERGY TRANSFER (G1, H)

Conformational mechanisms for free energy transduction in protein systems: old ideas and new facts. Lumry R.  
Ann NY Acad Sci 227:46-73, 18 Feb 74 (119 ref.)  
Resonance in bioenergetics. McClure CW.  
Ann NY Acad Sci 227:74-97, 18 Feb 74 (40 ref.)  
Studies on electron transport and energy-linked reactions using mutants of Escherichia coli. Cox GB, et al.  
Biochim Biophys Acta 346:1-35, 30 Apr 74 (75 ref.)  
The electromechanochemical model for energy coupling in mitochondria. Green DE.  
Biochim Biophys Acta 346:27-78, 30 Apr 74 (165 ref.)

## ENTERITIS, REGIONAL (C4)

Crohn's disease, with special reference to surgical management. Golligher JC, et al.  
Prog Surg 10:1-23, 1973 (53 ref.)  
[Crohn's disease] Jarum S.  
Ugeskr Laeger 136:912-20, 22 Apr 74 (42 ref.) (Eng. Abstr.) (Dan)

## ENTEROBACTERIACEAE INFECTIONS (C1)

[Oral vaccines for preventing intestinal infections (literature review)] Kheffets LB.  
Zh Mikrobiol Epidemiol Immunobiol 51:21-8, Mar 74 (104 ref.) (Rus)

## ENTEROTOXINS (D12)

Effect of bacterial enterotoxins on the gastrointestinal tract. Banwell JG, et al.  
Gastroenterology 65:467-97, Sep 73 (290 ref.)

## ENVIRONMENT (G3)

Possible interaction of environmental and biological factors in the etiology of schizophrenia. Review and integration. Strahlavitz M.  
Can Psychiatr Assoc J 19:207-17, Apr 74 (112 ref.)

## ENVIRONMENTAL HEALTH (G2, G3)

Environmental impact of cadmium: a review by the Panel on Hazardous Trace Substances. Fleischer M, et al.  
Environ Health Perspect 7:253-323, May 74 (261 ref.)

## ENVIRONMENTAL POLLUTION (G3)

Consequences of high nitrate levels in feed and water supplies. Emerick RJ.  
Fed Proc 33:1153-7, May 74 (77 ref.)

## ENZYMES (D9)

[Changes in enzyme patterns under physiological and pathological conditions] Heins F.  
Curr Probl Clin Biochem 1:53-92, 1968 (146 ref.) (Ger)  
[Activity- and topographic pattern of enzymes of the energy-supplying metabolism] Pette D.  
Curr Probl Clin Biochem 1:15-52, 1968 (45 ref.) (Ger)  
[State of cellular permeability in hemolytic disease of the newborn and in certain hemolytic states in older children (review of the literature)] Dobronravov AV.  
Vopr Okhr Materin Det 18:56-9, Jan 73 (Rus)

## EPILEPSY (C10)

[Considerations and observations on the pharmacotoxicology of antiepileptic drugs] Dreyer R.  
Nervenarzt 45:115-8, Mar 74 (17 ref.) (Ger)

## ERYTHROBLASTOSIS, FETAL (C9, C14, C16)

[State of cellular permeability in hemolytic disease of the newborn and in certain hemolytic states in older children (review of the literature)] Dobronravov AV.  
Vopr Okhr Materin Det 18:56-9, Jan 73 (Rus)

## ERYTHROCYTES (A11)

The mechanism of interaction of red cell organic phosphates with hemoglobin. Benesch RE, et al.  
Adv Protein Chem 28:211-37, 1974 (185 ref.)  
[Changes of the oxygen release of the red cells in diabetes] Dilzel J, et al.  
Ugeskr Laeger 136:812-4, 8 Apr 74 (25 ref.) (Eng. Abstr.) (Dan)

## ESCHERICHIA (B3)

Present knowledge and aspects of Citrobacter. Sedláč J.  
Curr Top Microbiol Immunol 62:41-59, 1973 (103 ref.)

## ESCHERICHIA COLI (B3)

Chemiosmotic interpretation of active transport in bacteria. Harold FM.  
Ann NY Acad Sci 227:297-311, 18 Feb 74 (63 ref.)  
Evaluation of the chemiosmotic interpretation of active transport in bacterial membrane vesicles. Lombardi FJ, et al.  
Ann NY Acad Sci 227:312-27, 18 Feb 74 (46 ref.)  
Studies on electron transport and energy-linked reactions using mutants of Escherichia coli. Cox GB, et al.  
Biochim Biophys Acta 346:1-35, 30 Apr 74 (75 ref.)  
Interaction of poliovirus-specific RNAs with HeLa cells and E. coli. Koch G.  
Curr Top Microbiol Immunol 62:89-128, 1973 (104 ref.)

## ESCHERICHIA COLI INFECTIONS (C1)

Enteric Escherichia coli diseases in weaned pigs. Svendsen J. Nord Vet Med 26:226-38, Mar 74 (86 ref.)

## ESTROGENS (D8)

Hormones and neoplasia. Forrest AP.  
J Clin Pathol [Suppl] 7:65-71, 1974 (76 ref.)

## ETHICS, MEDICAL (K)

Fertilization of human eggs in vitro: morals, ethics and the law. Edwards RG.  
Q Rev Biol 49:3-26, Mar 74 (197 ref.)

## EVOLUTION (G1)

A theory on the origin of life. Black S.  
Adv Enzymol 36:193-234, 1973 (51 ref.)  
The evolutionary history of the corpus luteum. Browning HC. Biol Reprod 8:128-57, Mar 73 (156 ref.)  
Evidence for the symbiotic origin of mitochondria. Fridovich I. Life Sci 14:819-26, 1 Mar 74 (54 ref.)  
Origins of biological information and the genetic code. Fox SW. Mol Cell Biochem 3:129-42, 15 Apr 74 (72 ref.)

## EXERCISE THERAPY (E2)

The usefulness of exercise therapy in the management of coronary heart disease. Hartley LH, et al.  
Adv Cardiol 9:174-9, 1973 (20 ref.)

## EXTRACELLULAR SPACE

### EXTRACELLULAR SPACE (A12)

Pulmonary lymphatics in relation to pulmonary clearance and interstitial fluid and their possible implication in the pathogenesis of emphysema. Moolten SE. *Mt Sinai J Med NY* 41:412-34, May-Jun 74 (46 ref.)

### EXTRATERRESTRIAL ENVIRONMENT (G3)

Space related research in myecology concurrent with the first decade of manned space exploration. Dublin M, et al. *Space Life Sci* 4:323-30, Apr 73 (74 ref.)

### EYE DISEASES (C11)

Ocular manifestations of systemic diseases. Schmidt I. *Am J Optom Physiol Opt* 51:352-65, May 74 (74 ref.)  
Autonomic drugs in ophthalmology: some problems and promises. I. Directly and indirectly acting parasympathomimetic drugs. Holland MG. *Ann Ophthalmol* 6:447-50 passim, May 74 (41 ref.)

### EYE MANIFESTATIONS (C11)

Ocular manifestations of systemic diseases. Schmidt I. *Am J Optom Physiol Opt* 51:352-65, May 74 (74 ref.)

### EYE MOVEMENTS (E1, G1)

System analysis of the vestibulo-ocular control mechanism. Mansourian PG. *Adv Ophthalmol* 28:175-305, 1974 (72 ref.)

### FACIAL BONES (A2)

Abnormalities of bone and orofacial changes from anticonvulsant drugs. Israel H. *J Public Health Dent* 34:104-5, Spring 74 (8 ref.)

### FACIAL PARALYSIS (C10)

The present status of therapy of bell's paralysis: a critical evaluation. Wolferman A. *Ann Otol Rhinol Laryngol* 83:Suppl 12:1-15, May-Jun 74 (54 ref.)

### FATS, UNSATURATED (D11)

Polyunsaturated ruminants. *Nutr Rev* 31:209-10, Jul 73 (5 ref.)

### FATTY ACIDS (D11)

Platelet lipid modifications induced by fatty acids. Experimental studies and correlations with human neuropathology. Andreoli VM, et al. *Haemostas* 2:118-40, 1973-74 (59 ref.)

### FATTY ACIDS, ESSENTIAL (D11)

Fat-free parenteral alimentation of infants. *Nutr Rev* 32:134-6, May 74 (12 ref.)

### FATTY ACIDS, UNSATURATED (D11)

Fat-free parenteral alimentation of infants. *Nutr Rev* 32:134-6, May 74 (12 ref.)

### FECES (A12)

The effect of a breast milk substitute on stool flora. *Nutr Rev* 32:136-8, May 74 (3 ref.)

### FEEDING BEHAVIOR (F1)

Hypothalamic regulation of energy balance and feeding behavior. Panksepp J. *Fed Proc* 33:1150-65, May 74 (164 ref.)  
Frequency of eating and dental caries prevalence. *Nutr Rev* 32:139-41, May 74 (6 ref.)

### FETAL GLOBULINS (D10)

Clinical value of tumour-associated antigens. Neville AM. *J Clin Pathol [Suppl]* 7:119-26, 1974 (87 ref.)

### FIBRINOGEN (D7)

Fibrinogen: requirement for platelet aggregation and adhesion. Brinkhous KM, et al. *Acta Univ Carol [Med Monogr] (Praha)* 53:9-16, 1973 (23 ref.)

Mutual interaction between platelets and fibrinogen and its derivatives. Stachurska J, et al. *Acta Univ Carol [Med Monogr] (Praha)* 53:17-30, 1973 (15 ref.)

### FIBRINOLYTIC AGENTS (D7)

Experimental studies on the spread of cancer, with special reference to fibrinolytic agents and

## MEDICAL REVIEWS

anticoagulants. Wood S Jr. *J Med (Basel)* 5:7-22, 1974 (80 ref.)

### FINGER JOINT (A2)

Implant resection arthroplasty of the proximal interphalangeal joint. Swanson AB. *Orthop Clin North Am* 4:1007-29, Oct 73 (59 ref.)

### FINGERS (A1, A2)

[Gledion's syndrome. Description of a case with review of literature] Verona R, et al. *Minerva Pediatr* 26:313-22, 25 Feb 74 (10 ref.) (Eng. Abstr.) (Ita)

### FLUORESCENCE (H)

[Study of metaphase chromosomes by the method of fluorescence (review of the literature)] Korenevskaya MI. *Probi Gematol Feriliv Krov* 19:56-60, Mar 74 (85 ref.) (Rus)

### FOOD ADDITIVES (D13, J)

Selenium as a feed additive. *Nutr Rev* 32:156-9, May 74 (2 ref.)

### FOOD CONTAMINATION, RADIOACTIVE (G3)

The alpha radioactivity of marine organisms. Cherry RD, et al. *At Energy Rev* 12:3-45, 1974 (150 ref.)

### FORENSIC MEDICINE (G2, I)

Identification of active drug principles in natural products. Marderosian AD, et al. *J Chromatogr Sci* 12:285-93, May 74 (166 ref.)

### FORSSMAN ANTIGEN (D12)

Blood-group and Forssman antigenic determinants shared between microbes and mammalian cells. Springer GF. *Frog Allergy* 15:9-77, 1971 (206 ref.)

### FUNGI (B5)

Space related research in myecology concurrent with the first decade of manned space exploration. Dublin M, et al. *Space Life Sci* 4:323-36, Apr 73 (74 ref.)  
[Continuous cultivation as a method of studying the physiology of microorganisms (review)] Zhdanova LG, et al. *Zh Mikrobiol Epidemiol Immunobiol* 51:129-33, Mar 74 (86 ref.) (Eng. Abstr.) (Rus)

### GANGLIONIC BLOCKADERS (D5)

[Principles of combining hypotensive agents (review of the literature)] Kazak LI. *Vrach Delo* 4:1-4, 1974 (41 ref.) (Rus)

### GASTRIC JUICE (A12)

Effect of lost pancreatic juice on gastric acid and peptic ulcer. Elliott DW. *Am J Surg* 127:659-62, Jun 74 (39 ref.)  
[Effect of vagotomy on gastric secretion] Postolov PM, et al. *Sov Med* 37:39-43, May 74 (76 ref.) (Rus)

### GASTRIC MUCOSA (A3, A10)

[Effect of vagotomy on gastric secretion] Postolov PM, et al. *Sov Med* 37:39-43, May 74 (76 ref.) (Rus)

### GASTRIN (D8)

[The antral hormone gastrin. I. Physiology and determination using radioimmunoassay] Säuberli H, et al. *Schweiz Med Wochenschr* 104:709-13, 18 May 74 (Eng. Abstr.) (Ger)

### GASTROENTERITIS, TRANSMISSIBLE OF SWINE (C1, C15)

Enteric Escherichia coli diseases in weaned pigs. Svendsen J. *Nord Vet Med* 26:226-36, Mar 74 (86 ref.)

### GASTROENTEROSTOMY (E4)

[Choice of method of stomach drainage (by pyloroplasty or gastroenteroanastomosis) after vagotomy (review of the foreign literature)] Senitovich VF, et al. *Klin Khir* 3:50-4, Mar 74 (57 ref.) (Rus)

## GASTROINTESTINAL NEOPLASMS (C2)

Nature and significance of the antigens associated with human gastrointestinal tumours. Burtin P. *J Clin Pathol [Suppl]* 7:115-8, 1974 (28 ref.)  
[Senescence and gastrointestinal cancer] Yamagata S, et al. *Jap J Clin Med* 32:139-43, Jan 74 (32 ref.) (Jap)

## GASTROINTESTINAL SYSTEM (A3)

Effect of bacterial enterotoxins on the gastrointestinal tract. Banwell JG, et al. *Gastroenterology* 65:467-97, Sep 73 (200 ref.)

## GENES (G1)

Genetic determinants of immunological responsiveness. Gasser DL, et al. *Adv Immunol* 18:1-48, 1974 (334 ref.)  
Biochemical properties and immunochemical-genetic relationships of mouse H-2 alloantigens. Nathansen SG, et al. *Biochim Biophys Acta* 344:1-25, 8 Apr 74 (59 ref.)  
Genetic control of antibody responses to myeloma proteins of mice. Lieberman R, et al. *Contemp Top Immunobiol* 3:117-59, 1974 (45 ref.)

## GENETIC CODE (G1)

Origins of biological information and the genetic code. Fox SW. *Mol Cell Biochem* 3:129-43, 15 Apr 74 (73 ref.)  
[Senescence from the standpoint of manifestation of genetic codes] Egami N. *Jap J Clin Med* 32:3-7, Jan 74 (25 ref.) (Jap)

## GENETICS (G1)

Possible interaction of environmental and biological factors in the etiology of schizophrenia. Review and integration. Strahilevitz M. *Can Psychiatr Assoc J* 19:207-17, Apr 74 (112 ref.)

## GENETICS, HUMAN (G1)

The genetic markers of human immunoglobulins. Grubb R. *Mol Biol Biochem Biophys* 9:1-153, 1970 (347 ref.)

## GERM-FREE LIFE (G1)

Gnotobiotic animals in nutrition research. Coates ME. *Proc Nutr Soc* 32:53-8, Sep 73 (27 ref.)

## GINGIVAL HYPERPLASIA (C4)

Abnormalities of bone and orofacial changes from anticonvulsant drugs. Israel H. *J Public Health Dent* 34:104-5, Spring 74 (8 ref.)

## GLUCAGON (D8)

Alpha- and beta-cell interrelationships in health and disease. Unger RH. *Metabolism* 23:561-93, Jun 74 (88 ref.)

## GLUCOCORTICOIDS (D8)

Use of corticosteroids in the treatment of infectious diseases. Krober M. *South Med J* 67:729-32, Jun 74 (79 ref.)

## GLUCOSE (D11)

The time course of changes in carbohydrate and lipid metabolism in the rat as caused by starvation and refeeding. *Nutr Rev* 31:222-3, Jul 73 (11 ref.)

## GLUTAMYL TRANSPEPTIDASE (D9)

Molecular and catalytic properties of transglutaminases. Folk JE, et al. *Adv Enzymol* 38:109-91, 1973 (99 ref.)

## GOODPASTURE'S SYNDROME (C5, C6)

[Goodpasture's syndrome] Kinoshita Y. *Jap J Clin Med* 31:3428-34, Dec 73 (30 ref.) (Jap)

## GRAFT REJECTION (C17, G1)

Cell-mediated cytotoxicity, allograft rejection, and tumor immunity. Cerottini JC, et al. *Adv Immunol* 18:67-123, 1974 (306 ref.)  
The chromosomal HLA complex. Humoral and cellular immunity in organ graft rejection. Dausset J. *Haematologia (Budap)* 7:159-70, 1973 (33 ref.)



**GRAFT VS HOST REACTION (G1)**

Cellular immunology and the pathogenesis of graft versus host reactions. Elkins WL.  
Prog Allergy 15:78-187, 1971 (388 ref.)

**GROWTH (G1)**

Calorie supplementation and growth of pre-school children. Nutr Rev 33:141-3, May 74 (7 ref.)  
[Modern views on further development of children with low birth weight] Janus-Kukulaka A.  
Pediatr Pol 49:627-33, May 74 (42 ref.) (Pol)

**HAIR (A1)**

[Gledion's syndrome. Description of a case with review of literature] Verona R, et al.  
Minerva Pediatr 26:213-23, 25 Feb 74 (10 ref.) (Eng. Abstr.) (Ita)

**HALOGENS (D1)**

Naturally occurring halogenated organic compounds. Siuda JF, et al. Lloydia 36:107-43, Jun 73 (306 ref.)

**HAND (A1, A2)**

Philosophy of tendon repair. Entin MA.  
Orthop Clin North Am 4:859-64, Oct 73 (17 ref.)  
Perineural neurolysis. Hakstian RW.  
Orthop Clin North Am 4:945-56, Oct 73 (17 ref.)  
Primary repair of flexor tendons. Kleinert HE, et al.  
Orthop Clin North Am 4:965-76, Oct 73 (8 ref.)

**HAND DEFORMITIES, ACQUIRED (C3, C17)**

Current concepts of burn pathology and mechanisms of deformity in the burned hand. Brown HC.  
Orthop Clin North Am 4:967-99, Oct 73 (13 ref.)  
The wrist and thumb in rheumatoid arthritis. Kleinert HE, et al.  
Orthop Clin North Am 4:1065-98, Oct 73 (34 ref.)

**HAND INJURIES (C14)**

Current concepts of burn pathology and mechanisms of deformity in the burned hand. Brown HC.  
Orthop Clin North Am 4:967-99, Oct 73 (13 ref.)  
Technique of nerve anastomosis. Kleinert HE, et al.  
Orthop Clin North Am 4:907-15, Oct 73 (33 ref.)  
Primary repair of flexor tendons. Kleinert HE, et al.  
Orthop Clin North Am 4:965-76, Oct 73 (8 ref.)

**HEART (A7)**

Hypertension and the heart. Cohn JN, et al.  
Arch Intern Med 133:959-79, Jun 74 (106 ref.)  
Mechanics and energetics of the normal and failing heart. Braunwald E.  
Trans Assoc Am Physicians 84:63-94, 1971 (62 ref.)

**HEART CATHETERIZATION (E1)**

[Transseptal heart catheterization—information and complications. An orientation review for cardiological practice] Schneider KW, et al.  
Med Monatsschr 26:3-12, Jan 74 (31 ref.) (Ger)

**HEART DEFECTS, CONGENITAL (C16)**

Corrected transposition. Surgical treatment of associated anomalies. Bonfils-Roberts EA, et al.  
Ann Thorac Surg 17:200-9, Feb 74 (14 ref.)  
Recent advances in the treatment of congenital heart disease. Viles PH, et al.  
South Med J 67:723-7, Jun 74 (40 ref.)  
[Neonatal cardiology] Sorland SJ.  
Tidsskr Nor Lægeforen 94:704-10, 20 Apr 74 (12 ref.) (Nor)

**HEART DISEASES (C8)**

[Diagnostic procedure in the case of pain in heart region] Klepzig H. Med Klin 69:496-8, 22 Mar 74 (Ger)

**HEART FAILURE, CONGESTIVE (C8)**

Mechanics and energetics of the normal and failing heart. Braunwald E.  
Trans Assoc Am Physicians 84:63-94, 1971 (62 ref.)  
[Acute and chronic heart insufficiency in intensive medicine. 2. Therapy] Just H.  
Med Klin 69:546-50, 29 Mar 74 (13 ref.) (Ger)  
[Acute and chronic heart insufficiency in intensive medicine. 1. Pathophysiology and diagnosis] Just H.  
Med Klin 69:502-8, 22 Mar 74 (13 ref.) (Ger)

**HEART FUNCTION TESTS (E1)**

[Carotid sinus pressure test for diagnosis of unexplained syncope attacks and indication for pacemaker treatment] Kindermann G.  
Med Klin 69:477-80, 23 Mar 74 (30 ref.) (Ger)

**HEART SEPTUM (A7)**

[Transseptal heart catheterization—information and complications. An orientation review for cardiological practice] Schneider KW, et al.  
Med Monatsschr 26:3-12, Jan 74 (31 ref.) (Ger)

**HEART VENTRICLE (A7)**

The pathophysiologic vulnerability of the subendocardium of the left ventricle. Guy CR, et al.  
Adv Cardiol 9:43-53, 1973 (44 ref.)  
Editorial: Right ventricular function in acute myocardial infarction. Rackley CE, et al.  
Am J Cardiol 33:927-9, Jun 74 (18 ref.)

**HELA CELLS (A11, E5)**

Interaction of poliovirus-specific RNAs with HeLa cells and E. coli. Koch G.  
Curr Top Microbiol Immunol 62:89-126, 1973 (104 ref.)

**HEMATOLOGIC DISEASES (C9)**

[State of cellular permeability in hemolytic disease of the newborn and in certain hemolytic states in older children (review of the literature)] Dobronravov AV.  
Vopr Okhr Materin Det 18:56-9, Jan 73 (Rus)

**HEMATOPOIESIS (G1)**

[Leukopoietine] Kakhelidze MG.  
Patol Fiziol Eksp Ter 14:83-91, Sep-Oct 74 (240 ref.) (Rus)

**HEMODIALYSIS (E2)**

Hypertension in chronic renal failure. Treatment with hemodialysis and nephrectomy. Lazarus JM, et al.  
Arch Intern Med 133:1059-66, Jun 74 (76 ref.)

**HEMODYNAMICS (G1)**

Effect of anesthesia on myocardial tolerance to ischemia. Spieckermann PG, et al.  
Int Anesthesiol Clin 12:51-81, Spring 74 (31 ref.)

**HEMOGLOBIN (D10)**

Molecular basis for oxygen transport. Hemoglobin function and controlling factors. Salhani JM, et al.  
Adv Cardiol 9:53-67, 1973 (37 ref.)  
The mechanism of interaction of red cell organic phosphates with hemoglobin. Benesch RE, et al.  
Adv Protein Chem 28:311-37, 1974 (125 ref.)

**HEMOGLOBINOPATHIES (C9)**

Haemoglobinopathies in the Indian subcontinent. A review of literature. Saha N, et al.  
Acta Genet Med Gemellol (Roma) 22:117-36, 1973 (155 ref.)

**HEMOGLOBINS, ABNORMAL (D10)**

Haemoglobinopathies in the Indian subcontinent. A review of literature. Saha N, et al.  
Acta Genet Med Gemellol (Roma) 22:117-36, 1973 (155 ref.)

**HEMOLYSIS (G1)**

[State of cellular permeability in hemolytic disease of the newborn and in certain hemolytic states in older children (review of the literature)] Dobronravov AV.  
Vopr Okhr Materin Det 18:56-9, Jan 73 (Rus)

**HEMORRHAGE,**

**GASTROINTESTINAL (C4, C17)**

Gastrointestinal hemorrhage. I. General considerations of diagnosis and the rapy. Welch CE, et al.  
Adv Surg 7:95-148, 1973 (183 ref.)  
Angiography as a diagnostic tool in gastrointestinal bleeding. Sprintis M.  
Ark Med 31:252-4, Apr 74 (34 ref.)

**HEMORRHAGIC DIATHESIS (C9)**

[Present-day possibilities of surgery in children with hemorrhagic diathesis] Dyssy-Laube B.  
Pediatr Pol 45:1267-73, Oct 73 (39 ref.) (Eng. Abstr.) (Pol)

**HEPARIN (D7, D11)**

The effect of heparin and warfarin on primary and metastatic tumors. Miller RC, et al.  
J Med (Basel) 5:23-31, 1974 (85 ref.)  
The antimitotic activity of polyanions: heparin and heparinoids. Regelson W.  
J Med (Basel) 5:50-68, 1974 (74 ref.)

**HEPARINOID (D7)**

The antimitotic activity of polyanions: heparin and heparinoids. Regelson W.  
J Med (Basel) 5:50-68, 1974 (74 ref.)

**HEPATITIS (C4)**

[Chronic hepatitis and liver cirrhosis] Yamamoto S, et al.  
Jap J Clin Med 31:2415-30, Dec 73 (21 ref.) (Jap)  
[Cellular immunity in viral hepatitis] Kiczka W, et al.  
Pol Tyg Lek 29:633-4, 15 Apr 74 (21 ref.) (Pol)

**HEPATITIS, INFECTIOUS (C1, C4)**

[Current concepts on the pathogenesis of viral hepatitis] Blüger AF.  
Sov Med 37:12-8, May 74 (36 ref.) (Eng. Abstr.) (Rus)

**HEPATITIS VIRUS, HOMOLOGOUS SERUM (B4)**

Hepatitis B (Australia) antigen—current clinical and epidemiological concepts. Patterson CP, et al.  
Ark Med 31:256-63, Apr 74 (33 ref.)

**HERPESVIRUS INFECTIONS (C1)**

[Herpes simplex encephalitis. Acute necrotizing encephalitis and benign herpes simplex encephalitis] Buhl M.  
Ugeskr Laeger 136:815-21, 8 Apr 74 (25 ref.) (Eng. Abstr.) (Dan)

**HISTOCOMPATIBILITY ANTIGENS (D12)**

Histocompatibility systems, immune response, and disease in man. Morris PJ.  
Contemp Top Immunobiol 3:141-69, 1974 (124 ref.)  
The chromosomal HLA complex. Humoral and cellular immunity in organ graft rejection. Dausset J.  
Haematologia (Budap) 7:155-70, 1973 (33 ref.)

**HODGKIN'S DISEASE (C2)**

[Combination chemotherapy in Hodgkin's disease] Anderson T, et al.  
Lakartidningen 71:1844-6, 2 May 74 (15 ref.) (Eng. Abstr.) (Swe)

**HOMEOSTASIS (G1)**

The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF.  
Kidney Int 4:86-8, Aug 73 (85 ref.)

**HOOKWORM INFECTIONS (C1)**

Infection of mammalian hosts by milk-borne nematode larvae: a review. Stone W, et al.  
Exp Parasitol 34:306-12, Oct 73 (42 ref.)

**HORMONES (D8)**

[Senescence and hormones] Ibayashi H, et al.  
Jap J Clin Med 32:20-9, Jan 74 (40 ref.) (Jap)

**HORMONES, ECTOPIC (D8)**

Tumour-associated hormonal products. Landon J, et al.  
J Clin Pathol [Suppl] 7:127-34, 1974 (58 ref.)

**HORSES (B2)**

Some factors affecting wound healing. Silver IA.  
Equine Vet J 5:47-51, Apr 73 (17 ref.)

**HUMAN EXPERIMENTATION (E5)**

Fertilization of human eggs in vitro: morals, ethics and the law. Edwards RG.  
Q Rev Biol 49:2-28, Mar 74 (197 ref.)

**HYDROGEN (D1)**

The relation between H<sup>+</sup>-uptake and electron flow in chromatophores from photosynthetic bacteria. Crofts AR, et al.  
Ann NY Acad Sci 227:227-43, 18 Feb 74 (41 ref.)

## HYDROGEN-ION CONCENTRATION

### HYDROGEN-ION CONCENTRATION (H)

[Hydrogen ion excretion by the kidneys—physiological and clinical aspects (author's transl)] Kokot F, et al. *Przeg Lek* 31:376-81, 1974 (48 ref.) (Pol)

### HYDROXYCHOLECALCIFEROL (D2, D11)

Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)

### HYPERBILIRUBINEMIA, HEREDITARY (C13, C17)

The yellow baby. Catz C. *NY State J Med* 74:804-7, May 74 (21 ref.)

### HYPERCALCEMIA (C13)

Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS. *Perspect Biol Med* 17:381-70, Spring 74 (71 ref.)

### HYPERCHOLESTEREMIA (C13)

The pathogenesis of hypercholesterolemia. Bortz WM. *Ann Intern Med* 80:738-46, Jun 74 (144 ref.)

### HYPERLIPEMIA (C13)

Treatment of hyperlipidemia. Levy RI, et al. *N Engl J Med* 290:1395-301, 6 Jun 74 (21 ref.)

### HYPERPARATHYROIDISM, SECONDARY (C7)

Hyperparathyroidism and renal failure. Arnaud CD. *Kidney Int* 4:89-95, Aug 73 (56 ref.)

### HYPERSENSITIVITY (C14)

Review of chronic secretory otitis and allergy. Rapp DJ, et al. *J Asthma Res* 10:193-218, Jun 73 (74 ref.)  
Allergic reactions associated with viral vaccines. Isaacson P, et al. *Frog Med Virol* 13:339-70, 1971 (139 ref.)

### HYPERTENSION (C8)

Adrenal causes of hypertension. Kaplan NN. *Arch Intern Med* 133:1001-8, Jun 74 (49 ref.)  
Vasodilator drugs in the treatment of hypertension. Koch-Weser J. *Arch Intern Med* 133:1017-27, Jun 74 (116 ref.)  
Hypertension and the brain. Sandok BA, et al. *Arch Intern Med* 133:947-54, Jun 74 (95 ref.)  
Hypertension and the kidney. Tobian L Jr. *Arch Intern Med* 133:959-67, Jun 74 (36 ref.)  
Therapeutic alternatives in hypertension. Brest AN, et al. *Lab Invest* 29:491-4, Oct 73 (15 ref.)  
[Principles of combining hypotensive agents (review of the literature)] Kazak LI. *Vrach Delo* 4:1-4, 1974 (41 ref.) (Rus)

### HYPERTENSION, MALIGNANT (C8)

Malignant hypertension: kidneys too good to be extirpated. Mroczek WJ. *Ann Intern Med* 80:784-7, Jun 74 (39 ref.)

### HYPERTENSION, PORTAL (C4, C8)

[Dietary problems in the treatment of portal hypertension with special reference to portacaval shunt] Mütting D. *Med Klin* 69:454-9, 15 Mar 74 (13 ref.) (Ger)

### HYPERTENSION, RENAL (C6, C8)

Hypertension in chronic renal failure. Treatment with hemodialysis and nephrectomy. Lazarus JM, et al. *Arch Intern Med* 133:1059-66, Jun 74 (76 ref.)

### HYPOPARATHYROIDISM (C7)

[Oral manifestations of hypoparathyroidism] Raczew Z. *Czas Stomatol* 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

### HYPOTENSION (C8)

Refractory hypotension: mechanism and prevention. Massion WH. *Int Anesthesiol Clin* 12:323-37, Spring 74 (15 ref.)

## MEDICAL REVIEWS

### HYPOTHALAMO-HYPOPHYSAL SYSTEM (A6, A8)

How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WV. *Prog Brain Res* 39:31-39, 1973 (80 ref.)

### HYPOTHALAMUS (A8)

Hypothalamic regulation of energy balance and feeding behavior. Panksepp J. *Fed Proc* 33:1150-65, May 74 (164 ref.)  
Hypothalamic regulatory hormones: a review. Besser GM, et al. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)  
Chemistry of hypothalamic releasing factors. Burgus R, et al. *Prog Brain Res* 39:41-51, 1973 (37 ref.)

### HYPOTHYROIDISM (C7)

[Aging and diseases: anomaly of thyroid gland function] Ogata E. *Jap J Clin Med* 32:124-9, Jan 74 (13 ref.) (Jap)

### IMMUNE SERUMS (D12)

Lymphocyte-mediated cytotoxicity and blocking serum activity to tumor antigens. Hellström KE, et al. *Adv Immunol* 18:309-77, 1974 (349 ref.)  
Immunotherapy in leukemia. Experimental and clinical approaches. Mathé G. *Ser Haematol* 5:86-86, 1973 (80 ref.)

### IMMUNE TOLERANCE (G1)

The roles of T and B lymphocytes in self-tolerance and autoimmunity. Allison AC. *Contemp Top Immunobiol* 3:227-42, 1974 (48 ref.)

### IMMUNITY (G1)

Some effects of malnutrition on the immune response in man. Faulk WP, et al. *Am J Clin Nutr* 27:538-46, Jun 74 (114 ref.)  
Immunity and inflammation in the pathogenesis of atherosclerosis. A review. Poston RN, et al. *Atherosclerosis* 19:353-67, May-Jun 74 (121 ref.)  
Induction and paralysis: a conceptual framework from which to examine the intestinal immune system. Kagnoff MF. *Gastroenterology* 66:1240-56, Jun 74 (174 ref.)  
[Senescence from the standpoint of immunity] Kawai T, et al. *Jap J Clin Med* 32:14-9, Jan 74 (31 ref.) (Jap)

### IMMUNITY, CELLULAR (G1)

Cell-mediated cytotoxicity, allograft rejection, and tumor immunity. Cerottini JC, et al. *Adv Immunol* 18:67-132, 1974 (308 ref.)  
The chromosomal HLA-A complex. Humoral and cellular immunity in organ graft rejection. Dausset J. *Haematologia (Budap)* 7:155-70, 1973 (33 ref.)  
The cellular basis of immunologic memory. Celada F. *Frog Allergy* 15:233-67, 1971 (170 ref.)  
Cellular immunology and the pathogenesis of graft versus host reactions. Elkins WL. *Frog Allergy* 15:78-187, 1971 (388 ref.)  
In vitro demonstration of cellular hypersensitivity to tumour antigens in man. Andersen V, et al. *Ser Haematol* 5:3-21, 1973 (68 ref.)  
Lymphokines—the mediators of cellular immunity. Granger GA. *Ser Haematol* 5:3-46, 1973 (135 ref.)  
[Cellular immunity in viral hepatitis] Kiczka W, et al. *Poi Tyg Lek* 29:633-4, 15 Apr 74 (21 ref.) (Pol)

### IMMUNIZATION (E2)

A review of studies on immunization against protozoan diseases of animals. Soltys MA. *Z Tropenmed Parasitol* 24:309-22, Sep 73 (95 ref.)  
[Oral vaccines for preventing intestinal infections (literature review)] Kheffets LB. *Zh Mikrobiol Epidemiol Immunobiol* 51:21-8, Mar 74 (104 ref.) (Rus)

### IMMUNOGENETICS (G1)

Editorial: Antibody diversity: is it all coded for by the germ line genes? Capra JD, et al. *Scand J Immunol* 3:1-4, 1974 (17 ref.)  
Antibody diversity: a case for its generation after antigenic stimulation. Cunningham AJ, et al. *Scand J Immunol* 3:5-10, 1974 (39 ref.)

### IMMUNOGLOBULIN FRAGMENTS (D10, D12)

Editorial: Antibody diversity: is it all coded for by the germ line genes? Capra JD, et al. *Scand J Immunol* 3:1-4, 1974 (17 ref.)

### IMMUNOGLOBULINS (D10, D12)

Altered quantitative expression of immunoglobulin allotypes in rabbits. Mage RG. *Curr Top Microbiol Immunol* 63:151-52, 1974 (80 ref.)  
The genetic markers of human immunoglobulins. Grubb R. *Mol Biol Biochem Biophys* 9:1-152, 1970 (347 ref.)

### IMMUNOLOGIC DEFICIENCY SYNDROMES (C9, C14)

[Present status of treatment of immunodeficiency with special reference to cellular immunologic deficiency] Goya N. *Jap J Clin Med* 31:3441-7, Dec 73 (37 ref.) (Jap)

### IMMUNOLOGIC MEMORY (G1)

The cellular basis of immunologic memory. Celada F. *Frog Allergy* 15:233-67, 1971 (170 ref.)

### IMMUNOLOGIC TECHNIQS (E5)

[Immunologic function tests] Kawai T, et al. *Jap J Clin Med* 31:3375-80, Dec 73 (25 ref.) (Jap)

### IMMUNOSUPPRESSION (E2, E5)

Antigenic competition: a review of nonspecific antigen-induced suppression. Pross HF, et al. *Adv Immunol* 18:133-60, 1974 (256 ref.)  
Morphology of chemical immunosuppression. Krueger GR. *Adv Pharmacol Chemother* 10:1-90, 1973 (322 ref.)  
Short-term and chronic allotype suppression in mice. Herzenberg LA, et al. *Contemp Top Immunobiol* 3:41-75, 1974 (67 ref.)  
Altered quantitative expression of immunoglobulin allotypes in rabbits. Mage RG. *Curr Top Microbiol Immunol* 63:151-52, 1974 (80 ref.)

### IMMUNOSUPPRESSIVE AGENTS (D4)

Morphology of chemical immunosuppression. Krueger GR. *Adv Pharmacol Chemother* 10:1-90, 1973 (322 ref.)  
[Current possibilities and trends in biological immunosuppression in transplantation of organs and tissues. II] Piaseuc E. *Mikrobiol Parasitol Epidemiol (Bucur)* 18:519-26, Nov-Dec 73 (81 ref.) (Rum)

### INDOLES (D2)

Biogenic amines in the pituitary gland: what is their origin and function? Pituitary indolamines. Hyypää M, et al. *Frog Brain Res* 39:211-5, 1973 (29 ref.)  
Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reller RJ. *Frog Brain Res* 39:261-7, 1973 (42 ref.)

### INDUSTRIAL WASTE (G3)

[Possible damage of the central nervous system due to toxic industrial substances] Bittersohl G. *Z Gesamte Hyg* 30:72-8, Feb 74 (86 ref.) (Ger)

### INFANT FOOD (J)

The effect of a breast milk substitute on stool flora. *Nutr Rev* 32:136-8, May 74 (2 ref.)

### INFANT, NEWBORN (G1, M)

[Prenatal dystrophy] Manske H. *Med Monatsschr* 23:14-9, Jan 74 (38 ref.) (Ger)  
[Neonatal pharmacology] Langset A. *Tidsskr Nor Lægeforen* 94:711-2, 20 Apr 74 (10 ref.) (Nor)

### INFANT, NEWBORN, DISEASES (C16)

[Cerebral symptoms in the neonatal period. Prognosis and treatment] Finne H. *Tidsskr Nor Lægeforen* 94:700-4, 20 Apr 74 (11 ref.) (Nor)

### INFANT NUTRITION (G1)

Fat-free parenteral alimentation of infants. *Nutr Rev* 32:134-6, May 74 (12 ref.)

### INFANT, PREMATURE (G1, M)

[Prenatal dystrophy] Manske H. *Med Monatsschr* 23:14-9, Jan 74 (38 ref.) (Ger)  
[Modern views on further development of children with low birth weight] Janus-Kukulka A. *Pediatr Pol* 49:627-33, May 74 (43 ref.) (Pol)

### INFANT, PREMATURE, DISEASES (C16)

[Supply of vitamins and iron to premature babies]



Lindberg T.  
Lakartidningen 70:3280-2, 19 Sep 73 (32 ref.) (Eng. Abstr.) (Swe)

# INFECTION (C1)

Some effects of malnutrition on the immune response in man. Faulk WP, et al.  
Am J Clin Nutr 27:439-46, Jun 74 (114 ref.)

# INFLUENZA VIRUSES (B4)

Antigenic variation in influenza virus. Biology and chemistry. Webster RG, et al.  
Prog Med Virol 13:271-336, 1971 (165 ref.)  
[Some results and tasks in the study of the ecology of the influenza viruses] Zakstet'skaya L.A.  
Vopr Virusol 18:750-5, Nov-Dec 73 (49 ref.) (Eng. Abstr.) (Rus)

# INSECTS (B1)

Symposium on reproduction of arthropods of medical and veterinary importance. VI. Reproduction in the females of some hematophagous insects. Davey KG.  
J Med Entomol 11:40-5, 28 Mar 74 (27 ref.)  
Symposium on reproduction of arthropods of medical and veterinary importance. I. Insect gametogenesis. King RC.  
J Med Entomol 11:1-7, 28 Mar 74 (28 ref.)

# INSEMINATION, ARTIFICIAL (E2, G1)

Fertilization of human eggs in vitro: morals, ethics and the law. Edwards RG.  
Q Rev Biol 49:3-36, Mar 74 (197 ref.)

# INSULIN (D8)

Alpha- and beta-cell interrelationships in health and disease. Unger RH.  
Metabolism 23:581-93, Jun 74 (88 ref.)

# INSURANCE, HEALTH (N3)

[Insurance medicine rating of narcotic addicts (author's transl)] Möllhoff G.  
Z Rechtsmed 74:1-5, 29 Mar 74 (40 ref.) (Eng. Abstr.) (Ger)

# INTENSIVE CARE UNITS (N2)

[Acute and chronic heart insufficiency in intensive medicine. 1. Pathophysiology and diagnosis] Just H.  
Med Klin 69:502-8, 23 Mar 74 (13 ref.) (Ger)  
[Acute and chronic heart insufficiency in intensive medicine. 2. Therapy] Just H.  
Med Klin 69:546-50, 29 Mar 74 (13 ref.) (Ger)

# INTERFERON (D10, D12)

[Artificial polynucleotides as inducers of interferon] Heidel G.  
Z Gesamte Hyg 30:116, Feb 74 (44 ref.) (Ger)

# INTERFERON INDUCERS (D12)

[Artificial polynucleotides as inducers of interferon] Heidel G.  
Z Gesamte Hyg 30:116, Feb 74 (44 ref.) (Ger)

# INTESTINAL ABSORPTION (G1)

Intestinal absorption of calcium and the effect of renal insufficiency. Coburn JW, et al.  
Kidney Int 4:96-104, Aug 73 (93 ref.)  
Current concepts in therapy: drug-induced malabsorption—a review. Rahman F, et al.  
South Med J 66:734-7, Jan 73 (56 ref.)  
[Trans epithelial transport and electric potentials in the normal and inflamed human colon] Madsen JR.  
Ugeskr Laeger 135:1513-20, 16 Jul 73 (Eng. Abstr.) (Dan)

# INTESTINAL DISEASES (C4)

[Trans epithelial transport and electric potentials in the normal and inflamed human colon] Madsen JR.  
Ugeskr Laeger 135:1513-20, 16 Jul 73 (Eng. Abstr.) (Dan)

# INTESTINAL MUCOSA (A3, A10)

[Trans epithelial transport and electric potentials in the normal and inflamed human colon] Madsen JR.  
Ugeskr Laeger 135:1513-20, 16 Jul 73 (Eng. Abstr.) (Dan)

# INTESTINES (A3)

Induction and paralysis: a conceptual framework from which to examine the intestinal immune system. Kagnoff MF.  
Gastroenterology 66:1340-58, Jun 74 (174 ref.)  
Role of the gut microflora in metabolism of lipids and sterols. Eysen H.  
Proc Nutr Soc 33:59-63, Sep 73 (32 ref.)

The influence of gut micro-organisms on utilization of dietary protein. Salter DN.  
Proc Nutr Soc 33:65-71, Sep 73 (26 ref.)

# IODINE RADIOISOTOPES (D1)

A review of methods and metabolic studies associated with the radiolodination of lipoproteins. Fidge N.  
Clin Chim Acta 52:5-13, Mar 74 (45 ref.)

# IONS (D1)

[Ion pairs—their synthesis, determination and significance] Lippold BC.  
Pharmazie 28:713-20, Nov-Dec 73 (172 ref.) (Ger)

# IRON (D1, D7)

[Supply of vitamins and iron to premature babies] Lindberg T.  
Lakartidningen 70:3280-2, 19 Sep 73 (32 ref.) (Eng. Abstr.) (Swe)

# ISLANDS OF LANGERHANS (A3, A6)

Alpha- and beta-cell interrelationships in health and disease. Unger RH.  
Metabolism 23:581-93, Jun 74 (88 ref.)  
[Electron microscopic observations on endocrine and exocrine cells of the pancreas] Watari N.  
Jap J Clin Med 31:490-504, Mar 73 (57 ref.) (Jap)

# ISLET CELL TUMOR (C2)

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al.  
Pathol Annu 8:205-30, 1973 (62 ref.)  
[Insulinoma] Kuroda A, et al.  
Jap J Clin Med 31:330-33, Mar 73 (145 ref.) (Jap)  
[Some clinical syndromes associated with hormonally-active tumors of pancreatic islets derived from non-insulin-producing cells] Palas M.  
Wiad Lek 27:521-5, 15 Mar 74 (26 ref.) (Eng. Abstr.) (Pol)

# ISOANTIGENS (D12)

Biochemical properties and immunochemical-genetic relationships of mouse H-3 alloantigens. Nathanson SG, et al.  
Biochim Biophys Acta 344:1-25, 8 Apr 74 (59 ref.)  
Short-term and chronic allotype suppression in mice. Herzenberg LA, et al.  
Contemp Top Immunobiol 3:41-75, 1974 (67 ref.)  
Genetic control of antibody responses to myeloma proteins of mice. Lieberman R, et al.  
Contemp Top Immunobiol 3:117-39, 1974 (45 ref.)  
Altered quantitative expression of immunoglobulin allotypes in rabbits. Mage RG.  
Curr Top Microbiol Immunol 63:131-52, 1974 (80 ref.)

# JAUNDICE, NEONATAL (C16, C17)

The yellow baby. Cats C.  
NY State J Med 74:804-7, May 74 (21 ref.)

# JOINT PROSTHESIS (E4)

Implant resection arthroplasty of the proximal interphalangeal joint. Swanson AB.  
Orthop Clin North Am 4:1007-20, Oct 73 (59 ref.)

# JURISPRUDENCE (N3)

Fertilization of human eggs in vitro: morals, ethics and the law. Edwards RG.  
Q Rev Biol 49:3-36, Mar 74 (197 ref.)

# JUVENILE DELINQUENCY (F2, I)

An Israeli experimental group with primary school dropouts outside the school setting. Berman Y.  
Child Welfare 50:336-40, Jun 71 (90 ref.)

# KETO ACIDS (D2)

Metabolism of alpha-keto analogues of essential amino acids. Nutr Rev 32:147-9, May 74 (9 ref.)

# KIDNEY (A5)

Hypertension and the kidney. Tobian L Jr.  
Arch Intern Med 133:959-67, Jun 74 (36 ref.)  
Renal homotransplantation. I. Starzl TE, et al.  
Curr Probl Surg 3:59, Apr 74 (293 ref.)  
Kidney function during anesthesia and hemorrhage. Deutsch S.  
Int Anesthesiol Clin 12:109-25, Spring 74 (37 ref.)  
The kidney as an endocrine organ involved in calcium homeostasis. DeLuca HF.  
Kidney Int 4:80-8, Aug 73 (45 ref.)  
Parathormone, cyclic AMP and neonatal kidneys. Nutr Rev 31:86-8, Mar 73 (7 ref.)

Kidney biopsy. Osborne CA, et al.  
Vet Clin North Am 4:351-45, May 74 (14 ref.)  
[Hydrogen ion excretion by the kidneys—physiological and clinical aspects (author's transl)] Kokot F, et al.  
Przegli Lek 31:374-81, 1974 (48 ref.) (Pol)

# KIDNEY FAILURE, CHRONIC (C6)

Hypertension in chronic renal failure. Treatment with hemodialysis and nephrectomy. Lazarus JM, et al.  
Arch Intern Med 133:1059-64, Jun 74 (76 ref.)  
Hyperparathyroidism and renal failure. Arnaud CD.  
Kidney Int 4:89-95, Aug 73 (56 ref.)  
Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al.  
Kidney Int 4:73-9, Aug 73 (53 ref.)  
Hypercalcemia associated with chronic renal failure: a unifying hypothesis. David DS.  
Perspect Biol Med 17:361-70, Spring 74 (71 ref.)

# LABOR (G1)

Vomiting, regurgitation, and aspiration in obstetrics. Abouleish E, et al.  
Pa Med 77:45-50, May 74 (84 ref.)

# LACTATION (G1)

Protein-energy interrelationships in growth and lactation of cattle and sheep. Broster WH.  
Proc Nutr Soc 32:115-22, Sep 73 (54 ref.)

# LEARNING DISORDERS (F2)

Emotional disorder and educational underachievement. Rutter M.  
Arch Dis Child 49:249-56, Apr 74 (48 ref.)

# LEG (A1, A2)

[Lymphedema of the lower extremities. Diagnosis and therapy] Schmidtkne I.  
Z Allgemeinmed 50:367-73, 28 Feb 74 (40 ref.) (Ger)  
[Detection of venous thrombi in lower extremities with radioactive isotopes] Dziuk E.  
Pol Arch Med Wewn 51:409-14, Apr 74 (33 ref.) (Pol)

# LEGISLATION, MEDICAL (N3)

[Medical legislation in the 1972 literature] Schulz G.  
Med Klin 68:1124-31, 24 Aug 73 (89 ref.) (Ger)

# LEPROSY (C1)

Neurosurgical aspects of leprosy. Selby RC.  
Surg Neurol 3:165-77, May 74 (128 ref.)

# LEPTOSPIROSIS (C1)

Leptospirosis—a review. Weidner DR.  
Del Med J 48:181-8, Apr 74 (49 ref.)

# LEUKEMIA (C2)

Immunotherapy in leukemia. Experimental and clinical approaches. Mathé G.  
Ser Haematol 5:96-98, 1972 (60 ref.)  
Immunological aspects of human leukaemia. Viza D.  
Ser Haematol 5:87-100, 1973 (108 ref.)  
[Aging and diseases: leukemia] Hiraki K, et al.  
Jap J Clin Med 32:97-101, Jan 74 (21 ref.) (Jap)

# LEUKEMIA, MYELOCYTIC (C2)

[Therapeutic considerations in chronic myeloid leukemia] Hunstein W.  
Med Klin 68:412-4, 8 Mar 74 (26 ref.) (Ger)

# LEUKOCYTES (A11)

[Leukopoietins] Kakhelidze MG.  
Fotol Fiziol Eksp Ter 14:83-91, Sep-Oct 74 (240 ref.) (Rus)  
[Role of granulocytes in the defense against infection] Odeberg H, et al.  
Lakartidningen 70:3141-7, 12 Sep 73 (64 ref.) (Eng. Abstr.) (Swe)

# LH-FSH RELEASING HORMONE (D8)

Chemistry of hypothalamic releasing factors. Burgess R, et al.  
Prog Brain Res 39:41-51, 1973 (37 ref.)

# LIGANDS (D2)

Ligand-induced redistribution of membrane macromolecules: some possible implications for cancer. Raff MC, et al.  
J Clin Pathol (Suppl) 7:31-4, 1974 (34 ref.)

# LIGHT COAGULATION (E2)

[Indications for xenon photocoagulation in diabetic retinopathies] Maciejewski Z.

## LIGHT COAGULATION

Wied Lek 27:527-30, 15 Mar 74 (13 ref.) (Eng. Abstr.) (Pol)

## LIPIDS (D11)

Platelet lipid modifications induced by fatty acids. Experimental studies and correlations with human neuropathology. Andreoli VM, et al. Haemostas 2:118-40, 1973-74 (59 ref.)  
Effect of lipids and hypolipemic drugs on platelet aggregation and thrombosis. O'Brien JR. Haemostas 2:109-75, 1973-74 (39 ref.)  
The time course of changes in carbohydrate and lipid metabolism in the rat as caused by starvation and refeeding. Nutr Rev 31:222-3, Jul 73 (11 ref.)  
Role of the gut microflora in metabolism of lipids and sterols. Kysen H. Proc Nutr Soc 32:59-63, Sep 73 (32 ref.)  
Dietary carbohydrates in lipid disorders in man. Albrink MJ. Prog Biochem Pharmacol 8:343-70, 1973 (95 ref.)  
[Lipids and atherosclerosis] Gonzalez Santos P, et al. Rev Clin Esp 132:397-98, 15 Mar 74 (69 ref.) (Spa)  
[Concept and systematization of the hypolipemic syndromes] Schüller A. Rev Clin Esp 132:399-404, 15 Mar 74 (35 ref.) (Spa)

## LIPOPROTEINS (D10, D11)

A review of methods and metabolic studies associated with the radiolabeling of lipoproteins. Fidge N. Chin Chim Acta 52:5-13, Mar 74 (45 ref.)  
[Concept and systematization of the hypolipemic syndromes] Schüller A. Rev Clin Esp 132:399-404, 15 Mar 74 (35 ref.) (Spa)

## LIVER (A3)

Biliary cirrhosis. Macmahon HE. Pathol Annu 8:157-304, 1973 (60 ref.)  
The role of biopsy in the evaluation of inflammatory diseases of the liver. Orr W. Pathol Annu 8:21-60, 1973 (147 ref.)  
Liver biopsy. Osborne CA, et al. Vet Clin North Am 4:533-50, May 74 (33 ref.)  
[The reaction pattern of liver-peroxisomes (equal microbodies) during cell-injury (author's transl)] Riede UN, et al. Beitr Pathol 161:111-33, Feb 74 (75 ref.) (Ger)

## LIVER CIRRHOSIS (C4)

[Different hazards of liver cirrhosis in beer drinkers and wine drinkers?] Glatzel H. Med Klin 69:460-74, 15 Mar 74 (34 ref.) (Ger)  
[Chronic hepatitis and liver cirrhosis] Yamamoto S, et al. Jap J Clin Med 31:3415-30, Dec 73 (21 ref.) (Jap)

## LIVER CIRRHOSIS, OBSTRUCTIVE (C4)

Biliary cirrhosis. Macmahon HE. Pathol Annu 8:157-304, 1973 (60 ref.)

## LIVER DISEASES (C4)

The role of biopsy in the evaluation of inflammatory diseases of the liver. Orr W. Pathol Annu 8:21-60, 1973 (147 ref.)  
[Serum enzyme activity in liver and biliary tract diseases] Gerlach U. Curr Probl Clin Biochem 1:165-96, 1968 (105 ref.) (Ger)

## LIVER NEOPLASMS (C2)

The predictive value of mouse liver tumour induction in carcinogenicity testing—a literature survey. Tomatis L, et al. Int J Cancer 12:1-26, 15 Jul 73 (345 ref.)

## LUNG (A4)

Symposium on allergic lung disease. IV. Immunologic mechanisms for release of chemical mediators of anaphylaxis from human lung tissue. Kaliner M. Can Med Assoc J 110:431 passim, 16 Feb 74 (27 ref.)  
Effects of anesthesia and hemorrhage on lung function. Mason WH. Int Anesthesiol Clin 12:83-107, Spring 74 (35 ref.)  
Pulmonary lymphatics in relation to pulmonary clearance and interstitial fluid and their possible implication in the pathogenesis of emphysema. Moolten SE. Mt Sinai J Med NY 41:412-34, May-Jun 74 (46 ref.)  
Black lung disease, the anthracotic pneumoconiosis. Naeye RL. Pathol Annu 8:346-77, 1973 (105 ref.)  
Recent advances in pathologic aspects of neonatal respiratory distress. Roman RC, et al. Pathol Annu 8:407-52, 1973 (107 ref.)

## MEDICAL REVIEWS

### LUNG DISEASES, OBSTRUCTIVE (C5)

[A comparison of allergic bronchial asthma and other obstructive respiratory diseases (author's transl)] Ulmer WT. Frax Pneumol 25:85-92, Feb 74 (26 ref.) (Eng. Abstr.) (Ger)

### LYMPH NODES (A7)

[Diagnostic procedures in lymph node swellings] Begemann H. Med Klin 69:460-2, 15 Mar 74 (Ger)

### LYMPHATIC DISEASES (C9)

Pulmonary lymphatics in relation to pulmonary clearance and interstitial fluid and their possible implication in the pathogenesis of emphysema. Moolten SE. Mt Sinai J Med NY 41:412-34, May-Jun 74 (46 ref.)  
[Diagnostic procedures in lymph node swellings] Begemann H. Med Klin 69:460-2, 15 Mar 74 (Ger)

### LYMPHATIC SYSTEM (A7)

Pulmonary lymphatics in relation to pulmonary clearance and interstitial fluid and their possible implication in the pathogenesis of emphysema. Moolten SE. Mt Sinai J Med NY 41:412-34, May-Jun 74 (46 ref.)

### LYMPHEDEMA (C9)

[Lymphedema of the lower extremities. Diagnosis and therapy] Schmidtke I. Z Allgemeinmed 50:267-73, 26 Feb 74 (46 ref.) (Ger)

### LYMPHOCYTES (A11)

Lymphocyte-mediated cytotoxicity and blocking serum activity to tumor antigens. Hellström KE, et al. Adv Immunol 18:309-77, 1974 (349 ref.)  
Antigen-binding receptors on lymphocytes. Davie JM, et al. Contemp Top Immunobiol 3:171-93, 1974 (59 ref.)  
Induction and paralysis: a conceptual framework from which to examine the intestinal immune system. Kagnoff MP. Gastroenterology 66:1240-56, Jun 74 (174 ref.)  
The lymphoid system and experimental neoplasias. Davies AJ, et al. J Clin Pathol [Suppl] 7:73-6, 1974 (35 ref.)  
In vitro demonstration of cellular hypersensitivity to tumour antigens in man. Andersen V, et al. Ser Haematol 5:3-21, 1973 (66 ref.)

### B-LYMPHOCYTES (A11)

The roles of T and B lymphocytes in self-tolerance and autoimmunity. Allison AC. Contemp Top Immunobiol 3:227-42, 1974 (46 ref.)  
Modification of B lymphocyte differentiation by anti-immunoglobulins. Lawton AR 3d, et al. Contemp Top Immunobiol 3:193-225, 1974 (98 ref.)  
T cell modification of B cell responses to antigen in mice. Mitchell GF. Contemp Top Immunobiol 3:97-116, 1974 (169 ref.)

### T-LYMPHOCYTES (A11)

The roles of T and B lymphocytes in self-tolerance and autoimmunity. Allison AC. Contemp Top Immunobiol 3:227-42, 1974 (46 ref.)  
T cell control of antibody production. Gershon RK. Contemp Top Immunobiol 3:1-46, 1974 (264 ref.)  
T cell modification of B cell responses to antigen in mice. Mitchell GF. Contemp Top Immunobiol 3:97-116, 1974 (169 ref.)

### LYMPHOKINES (D12)

Lymphokines—the mediators of cellular immunity. Granger GA. Ser Haematol 5:8-40, 1973 (135 ref.)

### LYSINE (D10)

Effects of lysine on ammonia formation, hydrogen ion, and potassium ion balance: a review and an hypothesis. Zweig JL. Clin Chem 19:945-9, Sep 73 (53 ref.)

### LYSOLECITHIN (D11, D12)

[Pancreatitis and lysolecithin (including the effects on the liver)] Ozawa K, et al. Jap J Clin Med 31:510-3, Mar 73 (30 ref.) (Jap)

### LYSOSOMES (A11)

Lysosomes in cancer cells. Allison AC. J Clin Pathol [Suppl] 7:42-50, 1974 (69 ref.)

### MACACA (B2)

Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets. Nutr Rev 32:149-52, May 74 (8 ref.)

### MACROPHAGES (A11)

The role of macrophages in tumour immunity. Alexander P. J Clin Pathol [Suppl] 7:77-82, 1974 (18 ref.)

### MAGNESIUM (D1)

Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)  
Magnesium metabolism. A review of the problems related to surgical practice. Thoren L. Prog Surg 9:131-54, 1971 (157 ref.)

### MAGNESIUM DEFICIENCY (C13)

Magnesium metabolism. A review of the problems related to surgical practice. Thoren L. Prog Surg 9:131-54, 1971 (157 ref.)

### MALABSORPTION SYNDROMES (C4, C13)

Current concepts in therapy: drug-induced malabsorption—a review. Rahman F, et al. South Med J 66:734-7, Jan 73 (56 ref.)

### MALOCCLUSION (C4)

The epidemiology of dental occlusion; a critical appraisal. Jago JD. J Public Health Dent 34:90-93, Spring 74 (104 ref.)

### MAMMALS (B2)

Chemical, biochemical and toxicological differences between carbon tetrachloride and chloroform. A critical review of recent investigations of these compounds in mammals. Hathway DE. Arzheim Forsch 24:173-6, Feb 74 (63 ref.)  
Blood-group and Forssman antigenic determinants shared between microbes and mammalian cells. Springer GF. Prog Allergy 15:9-77, 1971 (236 ref.)

### MANDIBLE (A2)

Osteoradionecrosis of the mandible. Mariani RD, et al. J Oral Surg 32:435-48, Jun 74 (34 ref.)

### MEAT (J)

Polyunsaturated ruminants. Nutr Rev 31:209-18, Jul 73 (5 ref.)

### MEDICAL HISTORY TAKING (E1)

[Significance of prediagnosis in cardiovascular diseases] Wenger R. Med Monatsschr 26:12-4, Jan 74 (4 ref.) (Ger)

### MELANOMA (C2)

Immunology and the melanomas. Lewis MG. Curr Top Microbiol Immunol 63:49-84, 1974 (153 ref.)

### MELATONIN (D2, D8)

The pineal gland: a neurochemical transducer. Axelrod J. Science 194:1341-5, 23 Jun 74 (62 ref.)

### MEMBRANES (A10)

Assembly of inner membrane complexes. Tragoloff A. Ann NY Acad Sci 227:531-4, 18 Feb 74 (49 ref.)

### MENTAL DISORDERS (F2)

Mental health volunteers as change agents. Siegel JM. Am J Community Psychol 1:135-50, Apr-Jun 73 (70 ref.)  
Psychiatry and oncology: a review. Brown JH, et al. Can Psychiatr Assoc J 19:219-22, Apr 74 (12 ref.)  
Editorial: Pharmacogenetics and mental disease. Omeann GS, et al. Psychol Med 4:125-9, May 74 (36 ref.)

### METABOLIC DISEASES (C13)

Dietary carbohydrates in lipid disorders in man. Albrink MJ. Prog Biochem Pharmacol 8:343-70, 1973 (95 ref.)  
[Concept and systematization of the hypolipemic syndromes] Schüller A. Rev Clin Esp 132:399-404, 15 Mar 74 (35 ref.) (Spa)



**METHYLTRANSFERASES (D9)**

Thymidylate synthetase. Friedkin M.  
Adv Enzymol 38:235-92, 1973 (161 ref.)

**MICE (B2)**

Biochemical properties and immunochemical-genetic relationships of mouse H-2 alloantigens. Nathenson SG, et al.  
Biochim Biophys Acta 344:1-25, 8 Apr 74 (59 ref.)

**MICE, INBRED STRAINS (B2)**

Immunological studies of nude mice. Wortis HH.  
Contemp Top Immunobiol 3:243-63, 1974 (111 ref.)

**MICROSCOPY (E5, H)**

Review of progress and application in acoustics microscopy. Kessler LW.  
J Acoust Soc Am 55:909-18, May 74 (42 ref.)

**MILK (A13, J)**

Infection of mammalian hosts by milk-borne nematode larvae: a review. Stone W, et al.  
Exp Parasitol 34:306-12, Oct 73 (42 ref.)

**MILK, HUMAN (A12)**

The effect of a breast milk substitute on stool flora.  
Nutr Rev 32:136-8, May 74 (3 ref.)

**MITOCHONDRIA (A11)**

Structure of the mitochondrial electron transport system. Hatefi Y, et al.  
Ann NY Acad Sci 237:504-20, 18 Feb 74 (35 ref.)  
Assembly of inner membrane complexes. Tzagoloff A.  
Ann NY Acad Sci 237:531-4, 18 Feb 74 (49 ref.)  
The electromechanochemical model for energy coupling in mitochondria. Green DE.  
Biochim Biophys Acta 346:37-70, 30 Apr 74 (165 ref.)  
Evidence for the symbiotic origin of mitochondria. Fridovich I. Life Sci 14:819-26, 1 Mar 74 (54 ref.)

**MITOCHONDRIA, LIVER (A11)**

[Pancreatitis and lysocleithin (including the effects on the liver)] Ozawa K, et al.  
Jap J Clin Med 31:510-2, Mar 73 (30 ref.) (Jap)

**MITOCHONDRIA, MUSCLE (A11)**

Passive permeability and energy-linked ion movements in isolated heart mitochondria. Brerley GP.  
Ann NY Acad Sci 237:398-411, 18 Feb 74 (51 ref.)  
Studies on stabilization of the oxidative phosphorylation system. 3. The effects of substrates and ATP on sensitivity of various energy-linked functions of submitochondrial particles to phospholipase A from *Crotalus terrificus* venom. Luzikov VN, et al. J Bioenerg 4:521-32, Jul 73

**MITOSIS (G1)**

The mitotic cycle and cell population control. Lamerton LF. J Clin Pathol [Suppl] 7:19-25, 1974 (29 ref.)  
The antimitotic activity of polyanions: heparin and heparinoids. Regelson W.  
J Med (Basel) 5:50-68, 1974 (74 ref.)

**MITRAL VALVE STENOSIS (C8)**

[Positive venous pulse] Grishkevich VM.  
Kardiologia 12:124-43, Jul 73 (90 ref.) (Rus)

**MODELS, BIOLOGICAL (H)**

Biological determinants of demographic processes. Menken J.  
Am J Public Health 64:657-61, Jul 74 (48 ref.)

**MONILIASIS (C1)**

The significance of *Candida albicans* in denture stomatitis. Budtz-Jørgensen E.  
Scand J Dent Res 83:151-60, 1974 (173 ref.)

**MONOAMINE OXIDASE INHIBITORS (D6, D9)**

[Principles of combining hypotensive agents (review of the literature)] Kazak LI.  
Vrach Delo 4:1-4, 1974 (41 ref.) (Rus)

**MORPHINANS (D2)**

Methods for the analysis of morphine and related surrogates: current status. Mulé SJ.  
J Chromatogr Sci 12:345-53, May 74 (79 ref.)

**MORPHINE (D2, D6)**

Methods for the analysis of morphine and related surrogates: current status. Mulé SJ.  
J Chromatogr Sci 12:345-53, May 74 (79 ref.)  
Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL.  
Prog Brain Res 39:361-72, 1973 (33 ref.)  
Antagonism between morphine and the polypeptides ACTH, ACTH1-34 and beta-MSH in the nervous system. Zimmermann E, et al.  
Prog Brain Res 39:383-94, 1973 (31 ref.)

**MOSQUITOES (B1)**

Symposium on reproduction of arthropods of medical and veterinary importance. V. Reproduction in Diptera of medical importance with special reference to mosquitoes. Barr AR.  
J Med Entomol 11:35-40, 28 Mar 74 (29 ref.)

**MOVEMENT DISORDERS (C10)**

Pathophysiology of drug-induced dyskinesias. Korczyn AD. Neuropharmacology 11:601-7, Sep 72 (46 ref.)

**MSH (D8)**

Behavioral aspects of melanocyte-stimulating hormone (MSH). Kastin AJ, et al.  
Prog Brain Res 39:461-70, 1973 (38 ref.)  
Antagonism between morphine and the polypeptides ACTH, ACTH1-34 and beta-MSH in the nervous system. Zimmermann E, et al.  
Prog Brain Res 39:383-94, 1973 (31 ref.)

**MULTIPLE MYELOMA (C2)**

[Aging and diseases: multiple myeloma] Hirota Y.  
Jap J Clin Med 32:103-12, Jan 74 (43 ref.) (Jap)

**MULTIPLE SCLEROSIS (C10)**

Platelet lipid modifications induced by fatty acids. Experimental studies and correlations with human neuropathology. Andreoli VM, et al.  
Haemostas 2:118-40, 1973-74 (59 ref.)  
[Etiopathogenic problems in multiple sclerosis. Etiology, pathogenesis and therapeutic concept] Meyer-Rienecker H, et al.  
Nervenarzt 45:133-41, Mar 74 (129 ref.) (Ger)  
[Multiple sclerosis and immunity] Kroda Y, et al.  
Jap J Clin Med 31:3381-4, Dec 73 (44 ref.) (Jap)  
[Disseminated sclerosis among migrants: an attempt at supporting the viral etiology] Cendrowski W.  
Pol Tyg Lek 30:877-9, 22 Apr 74 (16 ref.) (Pol)

**MUSCLE CONTRACTION (G1)**

Muscular contraction and cell motility. Huxley HE.  
Nature 243:445-9, 22 Jun 73 (80 ref.)

**MUSCULAR DISEASES (C3)**

[Serum enzymes in muscular diseases] Laudahn G, et al.  
Curr Probl Clin Biochem 1:349-317, 1968 (310 ref.) (Ger)

**MUTATION (G1)**

Recent advances in the assessment of genetic hazards of ionizing radiation. Sankaranarayanan K.  
At Energy Rev 12:47-74, 1974 (57 ref.)  
Studies on electron transport and energy-linked reactions using mutants of *Escherichia coli*. Cox GB, et al.  
Biochim Biophys Acta 346:1-25, 30 Apr 74 (75 ref.)

**MYASTHENIA GRAVIS (C3, C10)**

[Myasthenia gravis: an autoimmune theory] Uono M.  
Jap J Clin Med 31:3387-93, Dec 73 (47 ref.) (Jap)  
[Problems of myasthenia] Castaigne P, et al.  
Klin Med (Mosk) 51:10-3, Sep 73 (5 ref.) (Rus)

**MYCOPLASMA INFECTIONS (C1)**

Central nervous system disease associated with *Mycoplasma pneumoniae* infection: report of five cases and review of the literature. Lerer RJ, et al.  
Pediatrics 52:658-66, Nov 73 (30 ref.)

**MYCOSES (C1)**

[Chemotherapy of deep mycoses (a review of the literature)] Resnikova MM, et al.  
Vestn Dermatol Venerol 47:66-71, Dec 73 (157 ref.) (Eng. Abstr.) (Rus)

**MYELOMA PROTEINS (D10)**

Genetic control of antibody responses to myeloma

proteins of mice. Lieberman R, et al.  
Contemp Top Immunobiol 3:117-39, 1974 (45 ref.)

**MYOCARDIAL DEPRESSANTS (D5)**

Antiarrhythmic drugs. Awaft CH.  
Clin Anesth 10:167-53, 1974 (45 ref.)

**MYOCARDIAL DISEASES, PRIMARY (C8)**

Spectrum of cardiomyopathy and current classification. Goodwin JF.  
Singapore Med J 14:356-62, Sep 73 (18 ref.)

**MYOCARDIAL INFARCT (C8)**

Relevance of thrombosis to infarction. Baroldi G.  
Adv Cardiol 9:15-28, 1973 (30 ref.)  
Editorial: Right ventricular function in acute myocardial infarction. Rackley CE, et al.  
Am J Cardiol 33:927-9, Jun 74 (18 ref.)

**MYOCARDIUM (A7)**

Mechanisms augmenting coronary arterial oxygen extraction. Grover RF.  
Adv Cardiol 9:89-98, 1973 (21 ref.)  
Kinetics versus equilibrium in oxygen transport. Guy CR, et al. Adv Cardiol 9:89-98, 1973 (38 ref.)  
Molecular basis for oxygen transport. Hemoglobin function and controlling factors. Sathyan JM, et al.  
Adv Cardiol 9:53-67, 1973 (37 ref.)  
Effect of anesthesia on myocardial tolerance to ischemia. Spieckermann PG, et al.  
Int Anesthesiol Clin 12:51-61, Spring 74 (31 ref.)

**NARCOTICS (D13)**

Methods for the analysis of morphine and related surrogates: current status. Mulé SJ.  
J Chromatogr Sci 12:345-53, May 74 (79 ref.)

**NECROSIS (C17)**

Noradrenergic mediation of traumatic spinal cord autodestruction. Osterholm JL.  
Life Sci 14:1363-64, 16 Apr 74 (22 ref.)

**NEMATODE INFECTIONS (C1)**

Infection of mammalian hosts by milk-borne nematode larvae: a review. Stone W, et al.  
Exp Parasitol 34:306-12, Oct 73 (42 ref.)

**NEOPLASM METASTASIS (C2)**

The effect of heparin and warfarin on primary and metastatic tumors. Millar RC, et al.  
J Med (Basel) 5:23-31, 1974 (55 ref.)  
Experimental studies on the spread of cancer, with special reference to fibrinolytic agents and anticoagulants. Wood S Jr.  
J Med (Basel) 5:7-22, 1974 (80 ref.)

**NEOPLASM PROTEINS (D10)**

Clinical value of tumour-associated antigens. Neville AM. J Clin Pathol [Suppl] 7:119-26, 1974 (87 ref.)

**NEOPLASM TRANSPLANTATION (E5)**

Immunological facilitation, a broadening of the concept of the enhancement phenomenon. Volsin GA.  
Prog Allergy 15:328-485, 1971 (719 ref.)

**NEOPLASMS (C2)**

Cell-mediated cytotoxicity, allograft rejection, and tumor immunity. Cerottini JC, et al.  
Adv Immunol 18:67-132, 1974 (306 ref.)  
Selective multiphase cancer therapy: conceptual aspects and experimental basis. Ardenne M von.  
Adv Pharmacol Chemother 10:339-90, 1973 (60 ref.)  
Chemical radiosensitization of hypoxic cells. Adams GE. Br Med Bull 29:48-53, Jan 73 (38 ref.)  
Exploitation of the oxygen enhancement ratio in clinical practice. Duncan W.  
Br Med Bull 29:33-8, Jan 73 (60 ref.)  
Pre-operative and post-operative irradiation. Scott O.  
Br Med Bull 29:59-63, Jan 73 (31 ref.)  
The significance of the time-dose relationship in radiotherapy. Wiernik G.  
Br Med Bull 29:39-43, Jan 73 (60 ref.)  
Psychiatry and oncology: a review. Brown JH, et al.  
Can Psychiatr Assoc J 19:219-23, Apr 74 (12 ref.)  
The role of macrophages in tumour immunity. Alexander P.  
J Clin Pathol [Suppl] 7:77-82, 1974 (18 ref.)  
Lysosomes in cancer cells. Allison AC.  
J Clin Pathol [Suppl] 7:43-50, 1974 (60 ref.)  
Tumour-associated hormonal products. Landon J, et al.  
J Clin Pathol [Suppl] 7:127-34, 1974 (58 ref.)

## NEOPLASMS

- Ligand-induced redistribution of membrane macromolecules: some possible implications for cancer. Raff MC, et al.  
*J Clin Pathol* [Suppl] 7:31-4, 1974 (34 ref.)
- Some studies on early embryonic development relevant to the study of cancer. Woodland HR.  
*J Clin Pathol* [Suppl] 7:26-30, 1974 (23 ref.)
- Death in normal and neoplastic cells. Wyllie AH.  
*J Clin Pathol* [Suppl] 7:35-42, 1974 (41 ref.)
- The effect of heparin and warfarin on primary and metastatic tumors. Miller RC, et al.  
*J Med* (Basel) 5:23-31, 1974 (35 ref.)
- Present status of cancer chemotherapy. Zubrod CG.  
*Life Sci* 14:809-18, 1 Mar 74 (23 ref.)
- BCG and cancer (first of two parts). East RC Jr, et al.  
*N Engl J Med* 290:1413-20, 30 Jun 74 (130 ref.)
- BCG and cancer. East RC Jr, et al.  
*N Engl J Med* 290:1450-49, 27 Jun 74 (131 ref.)
- The origin and development of human tumors studied with cell markers. Falkow PJ.  
*N Engl J Med* 291:29-35, 4 Jul 74 (14 ref.)
- Cancer resistance: I. Lynch HT, et al.  
*Nehr Med J* 59:156-61, May 74 (31 ref.)
- Present status of radium. Simon N.  
*NY State J Med* 74:323-4, May 74 (10 ref.)
- Immunological facilitation, a broadening of the concept of the enhancement phenomenon. Volsin GA.  
*Prog Allergy* 15:338-405, 1971 (719 ref.)
- In vitro demonstration of cellular hypersensitivity to tumour antigens in man. Andersen V, et al.  
*Ser Haematol* 5:3-31, 1973 (68 ref.)
- Blocking antibodies and enhancement. Heppner GH.  
*Ser Haematol* 5:41-66, 1973 (126 ref.)
- Immunological aspects of neoplasia. I. Introduction. Kieler J. *Ser Haematol* 5:3-7, 1973 (18 ref.)
- [Recent development in cancer chemotherapy] *Chin Med J* 8:499-508, 1973 (47 ref.) (Chi)
- [Interval of radiosensitivity as a basis of therapeutic irradiation of malignant tumors] Kholin VV.  
*Med Radiol* (Mosk) 18:71-7, Dec 73 (37 ref.) (Eng. Abstr.) (Rus)

## NEOPLASMS, EXPERIMENTAL (C2)

- The predictive value of mouse liver tumour induction in carcinogenicity testing—a literature survey. Tomatis L, et al.  
*Int J Cancer* 13:1-30, 15 Jul 73 (345 ref.)
- The lymphoid system and experimental neoplasias. Davies AJ, et al.  
*J Clin Pathol* [Suppl] 7:73-8, 1974 (35 ref.)
- Membrane associated antigens in chemically-induced tumours. Baldwin RW.  
*Ser Haematol* 5:67-92, 1973 (90 ref.)

## NEOPLASMS, RADIATION-INDUCED (C2, C14)

- Late effects of radiation: carcinogenesis. Mole RH.  
*Br Med Bull* 29:73-83, Jan 73 (53 ref.)

## NEPHRECTOMY (E4)

- Malignant hypertension: kidneys too good to be extirpated. Mroczek WJ.  
*Ann Intern Med* 80:754-7, Jun 74 (39 ref.)

## NERVE REGENERATION (G1)

- Morphological plasticity of central adrenergic neurons. Stenevi U, et al.  
*Brain Behav Evol* 8:110-34, 1973 (49 ref.)

## NERVE TISSUE PROTEINS (D10)

- Taste receptor proteins. Dastoll FR.  
*Life Sci* 14:1417-28, 18 Apr 74 (37 ref.)

## NERVOUS SYSTEM (A8)

- Neurotransmitter synthetic enzymes. McGeer PL, et al.  
*Prog Neurobiol* 2:71-117, 1973 (421 ref.)

## NERVOUS SYSTEM DISEASES (C10)

- Vincristine neurotoxicity. Rosenthal S, et al.  
*Ann Intern Med* 80:733-7, Jun 74 (62 ref.)

## NEUROBLASTOMA (C2)

- Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al.  
*Pathol Annu* 8:205-30, 1973 (62 ref.)

## NEUROHUMORS (D5)

- Neurotransmitter synthetic enzymes. McGeer PL, et al.  
*Prog Neurobiol* 2:71-117, 1973 (421 ref.)
- The pineal gland: a neurochemical transducer. Axelrod J.  
*Science* 184:1341-8, 20 Jun 74 (62 ref.)

## MEDICAL REVIEWS

### NEUROLEPTOANALGESIA (E3)

- Neuroleptanesthesia, dissociative anesthesia, and hemorrhage. Corssen G, et al.  
*Int Anesthesiol Clin* 12:145-61, Spring 74 (22 ref.)

### NEURONS (A8, A11)

- Morphological plasticity of central adrenergic neurons. Stenevi U, et al.  
*Brain Behav Evol* 8:110-34, 1973 (49 ref.)
- How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.  
*Prog Brain Res* 39:31-39, 1973 (80 ref.)

### NITRATES (D1)

- Consequences of high nitrate levels in feed and water supplies. Emerick RJ.  
*Fed Proc* 33:1183-7, May 74 (77 ref.)

### NITROGEN (D1)

- Utilization of non-protein nitrogen in the production of animal protein. Chalupa W.  
*Proc Nutr Soc* 32:99-105, Sep 73 (39 ref.)
- Nitrogen cycling in sheep. Nolan JV, et al.  
*Proc Nutr Soc* 32:93-8, Sep 73 (30 ref.)

### NOREPINEPHRINE (D2, D5)

- Noradrenergic mediation of traumatic spinal cord autodestruction. Osterholm JL.  
*Life Sci* 14:1363-84, 16 Apr 74 (22 ref.)

### NOSE DEFORMITIES (C5)

- [Gledion's syndrome. Description of a case with review of literature] Verona R, et al.  
*Minerva Pediatr* 26:313-23, 25 Feb 74 (10 ref.) (Eng. Abstr.) (Ita)

### NUCLEIC ACID CONFORMATION (G1)

- The tRNA-mRNA complex of protein biosynthesis. Thomas BR. *Biochimie* 55:1325-39, 1973 (54 ref.)

### NUCLEOTIDES (D10, D11)

- Immunological recognition of polynucleotide structure. Lacour F, et al.  
*Curr Top Microbiol Immunol* 62:1-39, 1973 (106 ref.)

### NUTRITION DISORDERS (C13)

- Some effects of malnutrition on the immune response in man. Faulk WP, et al.  
*Am J Clin Nutr* 27:535-46, Jun 74 (114 ref.)

### OCCUPATIONAL DISEASES (C14)

- [Possible damage of the central nervous system due to toxic industrial substances] Bittersohl G.  
*Z Gesamte Hyg* 30:72-8, Feb 74 (88 ref.) (Ger)

### OCULOMOTOR MUSCLES (A2)

- System analysis of the vestibulo-ocular control mechanism. Mansourian PG.  
*Adv Ophthalmol* 28:175-205, 1974 (72 ref.)

### OCULOMOTOR NERVE (A8)

- System analysis of the vestibulo-ocular control mechanism. Mansourian PG.  
*Adv Ophthalmol* 28:175-205, 1974 (72 ref.)

### ONCOGENIC VIRUSES (B4)

- Effects of tumour viruses on cell growth. Stoker MG.  
*J Clin Pathol* [Suppl] 7:60-4, 1974 (22 ref.)

### OPTIC NERVE (A8)

- Fine structure and function of ocular tissues. The optic nerve. Anderson DR.  
*Int Ophthalmol Clin* 13:329-43, Fall 73 (12 ref.)
- [Toxic and allergic disorders of the optic nerve (toxic and allergic encephalitis and encephalopathies of the 3rd optic neuron) (review of the literature)] Novokhatskiy AS.  
*Oftalmol Zh* 28:90-5, 1973 (50 ref.) (Rus)

### OPTIC NEURITIS (C10, C11)

- [Toxic and allergic disorders of the optic nerve (toxic and allergic encephalitis and encephalopathies of the 3rd optic neuron) (review of the literature)] Novokhatskiy AS.  
*Oftalmol Zh* 28:90-5, 1973 (50 ref.) (Rus)

### ORAL MANIFESTATIONS (C4)

- [Oral manifestations of hypoparathyroidism] Racsew Z.  
*Czas Stomatol* 27:337-43, Apr 74 (40 ref.) (Eng. Abstr.) (Pol)

### ORGANOIDS (A11)

- [The reaction pattern of liver-peroxisomes (equal microbodies) during cell-injury (author's transl)] Riede UN, et al.  
*Beitr Pathol* 151:111-33, Feb 74 (75 ref.) (Ger)

### ORGANOPHOSPHORUS

#### COMPOUNDS (D2)

- The mechanism of interaction of red cell organic phosphates with hemoglobin. Benesch RE, et al.  
*Adv Protein Chem* 28:211-37, 1974 (125 ref.)

### OSTEOPOROSIS (C3)

- [Aging and diseases: osteoporosis] Okamoto T, et al.  
*Jap J Clin Med* 32:130-3, Jan 74 (16 ref.) (Jap)

### OTITIS MEDIA (C11)

- Review of chronic secretory otitis and allergy. Rapp DJ, et al.  
*J Asthma Res* 10:193-218, Jun 73 (74 ref.)

### OXIDATIVE PHOSPHORYLATION

#### (G1)

- Studies on stabilization of the oxidative phosphorylation system. 3. The effects of substrates and ATP on sensitivity of various energy-linked functions of submitochondrial particles to phospholipase a from *Crotalus terrificus* venom. Lusikov VN, et al.  
*J Bioenerg* 4:521-32, Jul 73

### OXYGEN (D1)

- Mechanisms augmenting coronary arterial oxygen extraction. Grover RF.  
*Adv Cardiol* 9:89-96, 1973 (21 ref.)
- Kinetics versus equilibrium in oxygen transport. Guy CR, et al.  
*Adv Cardiol* 9:88-98, 1973 (38 ref.)
- Molecular basis for oxygen transport. Hemoglobin function and controlling factors. Saliha JM, et al.  
*Adv Cardiol* 9:53-67, 1973 (37 ref.)
- [Changes of the oxygen release of the red cells in diabetics] Ditzel J, et al.  
*Ugeskr Laeger* 136:812-4, 8 Apr 74 (25 ref.) (Eng. Abstr.) (Dan)

### OXYGEN INHALATION THERAPY

#### (E2)

- Exploitation of the oxygen enhancement ratio in clinical practice. Duncan W.  
*Br Med Bull* 29:33-8, Jan 73 (60 ref.)

### PACEMAKER, ARTIFICIAL (E4)

- Nuclear-fueled cardiac pacemakers. Huffman FN, et al.  
*Chest* 65:667-72, Jun 74 (26 ref.)
- [Carotid sinus pressure test for diagnosis of unexplained syncope attacks and indication for pacemaker treatment] Kindermann G.  
*Med Klin* 69:477-80, 22 Mar 74 (20 ref.) (Ger)

### PAIN (C17, F1, G1)

- [Recurrent abdominal pain in children] Christensen MF.  
*Ugeskr Laeger* 136:521-5, 8 Apr 74 (Eng. Abstr.) (Dan)
- [Diagnostic procedure in the case of pain in heart region] Klepzig H. *Med Klin* 69:488-9, 22 Mar 74 (Ger)

### PANCREAS (A3)

- [Regulatory mechanism of exocrine function of the pancreas] Naito S.  
*Jap J Clin Med* 31:505-9, Mar 73 (13 ref.) (Jap)
- [Diagnosis of pancreatic diseases: Biochemical tests] Toda Y, et al.  
*Jap J Clin Med* 31:519-38, Mar 73 (34 ref.) (Jap)
- [Electron microscopic observations on endocrine and exocrine cells of the pancreas] Watari N.  
*Jap J Clin Med* 31:499-504, Mar 73 (57 ref.) (Jap)

### PANCREATECTOMY (E4)

- Effect of lost pancreatic juice on gastric acid and peptic ulcer. Elliott DW.  
*Am J Surg* 127:658-62, Jun 74 (39 ref.)



# PANCREATIC DISEASES (C4)

Effect of lost pancreatic juice on gastric acid and peptic ulcer. Elliott DW.  
Am J Surg 127:658-62, Jun 74 (39 ref.)  
[Quantitative diagnosis of pancreatic diseases: approach by pancreatic scintigraphy] Hoshi M, et al. Jap J Clin Med 31:552-61, Mar 73 (26 ref.) (Jap)  
[Ultrasonic diagnosis of the pancreas] Kitamura T, et al. Jap J Clin Med 31:562-6, Mar 73 (43 ref.) (Jap)  
[Contribution of endoscopy to the diagnosis of pancreatic diseases] Takemoto T, et al. Jap J Clin Med 31:534-41, Mar 73 (31 ref.) (Jap)

# PANCREATIC JUICE (A12)

Effect of lost pancreatic juice on gastric acid and peptic ulcer. Elliott DW.  
Am J Surg 127:658-62, Jun 74 (39 ref.)

# PANCREATIC NEOPLASMS (C2)

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. Pathol Annu 8:265-90, 1973 (63 ref.)  
[Insulinoma] Kuroda A, et al. Jap J Clin Med 31:530-3, Mar 73 (165 ref.) (Jap)

# PANCREATITIS (C4)

[Pancreatitis and lysolectin (including the effects on the liver)] Ozawa K, et al. Jap J Clin Med 31:510-8, Mar 73 (30 ref.) (Jap)

# PANCREOZYMIN (D8)

[Diagnosis of pancreatic diseases: Biochemical tests] Toda Y, et al. Jap J Clin Med 31:519-26, Mar 73 (34 ref.) (Jap)

# PANTOTHENIC ACID (D11)

[D-homopantothenic acid (physico-chemical and pharmacologic properties, metabolism, clinical applications) (review of the literature)] Mofeenok AG, et al. Farmakol Toksikol 26:489-94, Jul-Aug 73 (153 ref.) (Rus)

# PAPOVAVIRUS (B4)

The SV40 "S" antigen and other papovavirus-induced surface antigens. Collins JJ, et al. Curr Top Microbiol Immunol 63:153-83, 1974 (153 ref.)

# PARASYMPATHOMIMETICS (D5)

Autonomic drugs in ophthalmology: some problems and promises. I. Directly and indirectly acting parasympathomimetic drugs. Holland MG. Ann Ophthalmol 6:447-50 passim, May 74 (41 ref.)

# PARATHYROID HORMONE (D8)

Recent studies on the chemistry of human, bovine and porcine parathyroid hormones. Brewer HB Jr, et al. Am J Med 56:759-66, Jun 74 (33 ref.)  
Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. Am J Med 56:751-8, Jun 74 (30 ref.)  
Metabolism of parathyroid hormone: physiologic and clinical significance. Segre GV, et al. Am J Med 56:774-84, Jun 74 (30 ref.)  
Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I. Curr Top Exp Endocrinol 2:179-93, 1974 (57 ref.)  
Parathormone, cyclic AMP and neonatal kidneys. Nutr Rev 31:86-9, Mar 73 (7 ref.)

# PARENTERAL FEEDING (E2)

Fat-free parenteral alimentation of infants. Nutr Rev 32:134-6, May 74 (13 ref.)  
[Preparations for parenteral feeding (review of the literature)] Kovalev MM, et al. Klin Khir 10:1-7, Oct 73 (33 ref.) (Rus)

# PARKINSONISM (C10)

[Aging and diseases: Parkinsonism] Kase M, et al. Jap J Clin Med 32:83-6, Jan 74 (8 ref.) (Jap)

# PATHOLOGY, ORAL (E6, G2)

[Oral structure biology and its effects on dental practice] Schroeder HE. Dtsch Zahn Mund Kieferheilkd 63:129-39, Mar 74 (58 ref.) (Ger)

# PENICILLIN (D3)

[Laboratory diagnosis of penicillin allergy] Weldermann G, et al. Wien Med Wochenschr 124:305-8, 18 May 74 (34 ref.) (Ger)

# PEPTIC ULCER (C4)

Effect of lost pancreatic juice on gastric acid and peptic ulcer. Elliott DW.  
Am J Surg 127:658-62, Jun 74 (39 ref.)

# PEPTIDE PEPTIDOHYDROLASES (D9)

The active centers of serine proteinases. Hartley BS. Ann NY Acad Sci 227:438-45, 18 Feb 74 (34 ref.)

# PEPTIDES (D10)

Hydration of proteins and polypeptides. Kuntz ID Jr, et al. Adv Protein Chem 28:339-345, 1974 (295 ref.)  
How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW. Prog Brain Res 39:21-39, 1973 (80 ref.)  
Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reiter RJ. Prog Brain Res 39:281-7, 1973 (43 ref.)

# PERIODONTAL DISEASES (C4)

Abnormalities of bone and orofacial changes from anticonvulsant drugs. Israel H. J Public Health Dent 34:104-5, Spring 74 (8 ref.)

# PERIPHERAL NERVE DISEASES (C10)

Neurosurgical aspects of leprosy. Selby RC. Surg Neurol 2:165-77, May 74 (138 ref.)

# PERIPHERAL NERVES (A8)

Perineural neurorrhaphy. Hakstian RW. Orthop Clin North Am 4:945-56, Oct 73 (17 ref.)  
Technique of nerve anastomosis. Kleinert HE, et al. Orthop Clin North Am 4:907-15, Oct 73 (33 ref.)  
Neuroanatomy of the mesothoracic ganglion of the cockroach Periplaneta americana (L.). I. The roots of the peripheral nerves. Gregory GE. Philos Trans R Soc Lond [Biol] 267:431-65, 16 May 74 (99 ref.)

# PHAGOCYTOSIS (G1)

[Role of granulocytes in the defense against infection] Odeberg H, et al. Lakartidningen 70:3141-7, 12 Sep 73 (64 ref.) (Eng. Abstr.) (Swe)

# PHARMACOGENETICS (G1)

Editorial: Pharmacogenetics and mental disease. Omenn GS, et al. Psychol Med 4:125-9, May 74 (36 ref.)

# PHARMACOLOGY (G1, G2)

[Progress in the field of drug development. 6] Koch H, et al. Pharmazie 28:691-713, Nov-Dec 73 (364 ref.) (Ger)

# PHENOTHIAZINES (D2)

Pathophysiology of drug-induced dyskinesias. Korcsyn AD. Neuropharmacology 11:901-7, Sep 72 (46 ref.)

# PHEOCHROMOCYTOMA (C2)

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. Pathol Annu 8:265-90, 1973 (63 ref.)

# PHOSPHATES (D1)

Calcium and phosphate metabolism and the bone. Morgan DB. Prog Surg 10:24-75, 1972 (111 ref.)

# PHOSPHOLIPASE (D9)

Studies on stabilization of the oxidative phosphorylation system. 3. The effects of substrates and ATP on sensitivity of various energy-linked functions of submitochondrial particles to phospholipase a from Crotalus terrificus venom. Lunikov VN, et al. J Bioenerg 4:521-32, Jul 73

# PHOSPHOPROTEINS (D10)

Phosphoproteins. Taboraky G. Adv Protein Chem 28:1-310, 1974

# PHOSPHORUS (D1)

Disordered divalent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kleeman CR, et al. Kidney Int 4:73-9, Aug 73 (53 ref.)

# PHOTOSYNTHESIS (G1, H)

The relation between H<sup>+</sup>-uptake and electron flow in chromatophores from photosynthetic bacteria. Crofts AR, et al. Ann NY Acad Sci 227:227-43, 18 Feb 74 (41 ref.)

# PINEAL BODY (A6, A8)

Involvement of pineal indoles and polypeptides with the neuroendocrine axis. Reiter RJ. Prog Brain Res 39:281-7, 1973 (43 ref.)  
The pineal gland: a neurochemical transducer. Axelrod J. Science 184:1341-5, 28 Jun 74 (63 ref.)

# PITUITARY GLAND (A6)

Biogenic amines in the pituitary gland: what is their origin and function? Pituitary indolamines. Hyypä M, et al. Prog Brain Res 39:211-5, 1973 (29 ref.)  
Distribution of biogenic amines in the pituitary gland. Jacobowitz DM. Prog Brain Res 39:199-209, 1973 (23 ref.)

# PITUITARY HORMONE RELEASING HORMONES (D8)

Hypothalamic regulatory hormones: a review. Besser GM, et al. J Clin Pathol 27:173-84, Mar 74 (99 ref.)

# PLACENTA (A10)

[The uteroplacental circulation (author's transl)] Moll W, et al. Z Geburtshilfe Perinatol 178:1-18, Feb 74 (82 ref.) (Eng. Abstr.) (Ger)

# PLANT TUMORS (C2)

On a eukaryotic cell-transformation by a bacterium. Knopf UC. Subcell Biochem 3:39-46, Mar 74 (89 ref.)

# PLANTS (B6)

Identification of active drug principles in natural products. Marderosian AD, et al. J Chromatogr Sci 12:285-92, May 74 (166 ref.)  
[Plant protoplasts-isolation, activity, and application (author's transl)] Takebe I. J Jap Biochem Soc 46:22-36, Jan 74 (59 ref.) (Jap)

# PLASMA SUBSTITUTES (D7)

[Report of the month: blood and blood substitution] Med Monatsschr 28:1-3, Jan 74 (Ger)

# PLATELET ADHESIVENESS (G1)

Fibrinogen: requirement for platelet aggregation and adhesion. Brinkhaus KM, et al. Acta Univ Carol [Med Monogr] (Praha) 53:9-16, 1972 (23 ref.)  
On the mechanism of the induction of the platelet release reaction. Lüscher EF, et al. Acta Univ Carol [Med Monogr] (Praha) 53:69-74, 1972 (36 ref.)  
The release reaction. Stormorken H. Acta Univ Carol [Med Monogr] (Praha) 53:65-8, 1972 (10 ref.)  
Effect of lipids and hypolipemic drugs on platelet aggregation and thrombosis. O'Brien JR. Haemostasis 2:169-75, 1973-74 (39 ref.)

# PNEUMOCONIOSIS (C5, C14)

Black lung disease, the anthracotic pneumoconiosis. Naeye RL. Pathol Annu 8:349-77, 1973 (106 ref.)

# PNEUMONIA (C5)

[Aging and diseases: pneumonia] Murao M, et al. Jap J Clin Med 32:87-91, Jan 74 (27 ref.) (Jap)

# POLIOVIRUS (B4)

Interaction of poliovirus-specific RNAs with HeLa cells and E. coli. Koch G. Curr Top Microbiol Immunol 62:89-136, 1973 (104 ref.)

# POLONIUM (D1)

Polonium-210 in the environment and in the human organism. Parfenov YuD. At Energy Rev 12:75-143, 1974 (221 ref.)

# POLYCHLOROBIPHENYL COMPOUNDS (D2)

If all the sea were PCB. Food Cosmet Toxicol 11:131-5, Feb 73 (39 ref.)

## POLYNUCLEOTIDES

### POLYNUCLEOTIDES (D10)

[Artificial polynucleotides as inducers of interferon] Heidel G. *Z Gesamte Hyg* 30:116, Feb 74 (44 ref.) (Ger)

### POLYRIBOSOMES (A11)

The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. Rabin BR, et al.  
*J Clin Pathol [Suppl]* 7:51-9, 1974 (26 ref.)

### PORTACAVAL ANASTOMOSIS (E4)

[Dietary problems in the treatment of portal hypertension with special reference to portacaval shunt] Mütting D.  
*Med Klin* 69:454-9, 15 Mar 74 (13 ref.) (Ger)

### POSITIVE-PRESSURE RESPIRATION (E2)

[Oxygen for premature infants with respiratory complications] Bjstad W.  
*Tidsskr Nor Lægeforen* 94:984-6, 20 Apr 74 (10 ref.) (Nor)

### POSTOPERATIVE COMPLICATIONS (C17)

[Preventive use of antibiotics in surgical procedures] Bruun JN.  
*Tidsskr Nor Lægeforen* 94:741-5, 30 Apr 74 (27 ref.) (Nor)

[Male sterilization-vasectomy] Hagenfeldt K.  
*Läkartidningen* 70:3137-40, 12 Sep 73 (46 ref.) (Eng. Abstr.) (Swe)

### POTASSIUM (D1)

Effects of lysine on ammonia formation, hydrogen ion, and potassium ion balance: a review and an hypothesis. Zweig JL.  
*Clin Chem* 19:943-9, Sep 73 (53 ref.)

### PREGNANCY COMPLICATIONS (C6)

Starvation in pregnancy: metabolic changes.  
*Nutr Rev* 31:52-3, Mar 73 (11 ref.)

### PROGESTERONE (D2, D8)

Hormones and neoplasia. Forrest AP.  
*J Clin Pathol [Suppl]* 7:65-71, 1974 (76 ref.)

### PROLACTIN (D8)

Hormones and neoplasia. Forrest AP.  
*J Clin Pathol [Suppl]* 7:65-71, 1974 (76 ref.)

### PROSTAGLANDINS (D11, D12)

[Prostaglandins: biological action and therapeutic prospects] Mancinella A, et al.  
*Clin Ter* 66:569-73, 31 Mar 74 (60 ref.) (Ita)  
[Prostaglandins and their role in physiology of reproduction (author's transl)] Marchlewski-Koj A.  
*Przeg Lek* 31:362-7, 1974 (46 ref.) (Pol)

### PROTEIN CONFORMATION (G1)

Molecular orbital calculations on the conformation of amino acid residues of proteins. Pullman B, et al.  
*Adv Protein Chem* 29:347-536, 1974 (260 ref.)  
Conformational mechanisms for free energy transduction in protein systems: old ideas and new facts. Lumry R.  
*Ann NY Acad Sci* 227:46-73, 18 Feb 74 (119 ref.)

### PROTEIN DEFICIENCY (C13)

Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets.  
*Nutr Rev* 32:149-53, May 74 (8 ref.)  
[Preparations for parenteral feeding (review of the literature)] Kovalev MM, et al.  
*Klin Khir* 10:1-7, Oct 73 (33 ref.) (Rus)

### PROTEIN HYDROLYSATES (D10)

[Preparations for parenteral feeding (review of the literature)] Kovalev MM, et al.  
*Klin Khir* 10:1-7, Oct 73 (33 ref.) (Rus)

### PROTEINS (D10)

Hydration of proteins and polypeptides. Kuntz ID Jr, et al.  
*Adv Protein Chem* 28:329-345, 1974 (295 ref.)  
Molecular orbital calculations on the conformation of amino acid residues of proteins. Pullman B, et al.  
*Adv Protein Chem* 28:347-536, 1974 (260 ref.)

## MEDICAL REVIEWS

Participation of water in protein reactions. Lumry R.  
*Ann NY Acad Sci* 227:471-85, 18 Feb 74 (76 ref.)  
The tRNA-mRNA complex of protein biosynthesis. Thomas BR.  
*Biochimie* 55:1235-39, 1973 (54 ref.)

### PROTOPLASTS (A11)

[Plant protoplasts-isolation, activity, and application (author's transl)] Takebe I.  
*J Jap Biochem Soc* 44:22-36, Jan 74 (39 ref.) (Jap)

### PROTOZOAN INFECTIONS (C1)

A review of studies on immunization against protozoan diseases of animals. Solits MA.  
*Z Tropenmed Parasitol* 24:209-23, Sep 73 (93 ref.)

### PRURITUS (C12)

[Some aspects of pathomechanism of pruritus] Czubalski K.  
*Przeg Dermatol* 61:335-41, Mar-Apr 74 (49 ref.) (Pol)

### PSORIASIS (C12)

[Clinical picture and therapy of psoriasis] Rasmner G.  
*Z Allgemeinmed* 50:245-9, 30 Feb 74 (34 ref.) (Ger)

### PSYCHOANALYSIS (F3)

[Conditioning psychotherapy, the modern replica of classical psychoanalysis] Ionoscu G.  
*Neurol Psichiatr Neurochir* 18:482-94, Nov-Dec 73 (43 ref.) (Eng. Abstr.) (Rum)

### PSYCHOSES, ALCOHOLIC (C14, F2)

The treatment of delirium tremens: controversy in the literature. Favazza AR, et al.  
*J Am Med Assoc* 229:219-21, May 74 (25 ref.)

### PSYCHOSES, SENILE (C10, F2)

[Diseases and aging: senile dementia] Harada K.  
*Jap J Clin Med* 32:59-62, Jan 74 (14 ref.) (Jap)

### PULMONARY EDEMA (C5)

[Problems of the pathogenesis and experimental therapy of pulmonary edema in the works of Soviet researchers] Lazaria IA, et al.  
*Patol Fiziol Eksp Ter* 14:2-11, Sep-Oct 70 (131 ref.) (Eng. Abstr.) (Rus)

### PULMONARY EMPHYSEMA (C5)

Pulmonary lymphatics in relation to pulmonary clearance and interstitial fluid and their possible implication in the pathogenesis of emphysema. Moolten SE.  
*Mt Sinai J Med NY* 41:412-34, May-Jun 74 (46 ref.)  
[Aging and diseases: chronic pulmonary emphysema] Sato S, et al.  
*Jap J Clin Med* 32:92-6, Jan 74 (13 ref.) (Jap)

### PULMONARY HEART DISEASE (C8)

Cor pulmonale. Sochocky S.  
*SD J Med* 27:5-10, May 74 (21 ref.)

### PULSE (E1, G1)

[Positive venous pulse] Grishkevich VM.  
*Kardiologia* 12:136-43, Jul 73 (90 ref.) (Rus)

### PURPURA, THROMBOPENIC (C9)

[Hereditary forms of thrombocytopenic purpura (a review of the literature)] Shabalov NP.  
*Probl Gematol Perelit Krovi* 19:53-9, 1974 (117 ref.) (Rus)

### PYLORIC ANTRUM (A3)

[The antral hormone gastrin. I. Physiology and determination using radioimmunoassay] Säuberli H, et al.  
*Schweiz Med Wochenschr* 104:700-13, 18 May 74 (Eng. Abstr.) (Ger)

### PYLORUS (A3)

[Choice of method of stomach drainage (by pyloroplasty or gastroenteroanastomosis) after vagotomy (review of the foreign literature)] Senutovich VF, et al.  
*Klin Khir* 3:50-4, Mar 74 (57 ref.) (Rus)

### RADIATION GENETICS (G1, G3)

Recent advances in the assessment of genetic hazards of ionizing radiation. Sankaranarayanan K.  
*At Energy Rev* 12:47-74, 1974 (57 ref.)

### RADIATION INJURIES (C14)

Radiation damage and repair phenomena. Fox BW, et al.  
*Br Med Bull* 29:16-23, Jan 73 (74 ref.)  
Early adverse effects of radiation. McLean AS.  
*Br Med Bull* 29:69-73, Jan 73 (53 ref.)  
[Aplastic and hypoplastic bone marrow diseases] Heimpeil H.  
*Med Klin* 69:494-11, 8 Mar 74 (39 ref.) (Ger)

### RADIATION-SENSITIZING AGENTS (D13)

Chemical radiosensitization of hypoxic cells. Adams GE.  
*Br Med Bull* 29:48-53, Jan 73 (38 ref.)

### RADIOACTIVE FALLOUT (G3)

Polonium-210 in the environment and in the human organism. Parfenov YuD.  
*At Energy Rev* 12:75-143, 1974 (221 ref.)

### RADIOBIOLOGY (G1)

The relevance of experimental radiobiology to radiotherapy. Present limitations and future possibilities. Alper T.  
*Br Med Bull* 29:3-4, Jan 73 (40 ref.)  
[Senescence from the standpoint of the free radical theory] Hirai S.  
*Jap J Clin Med* 32:8-13, Jan 74 (26 ref.) (Jap)

### RADIOISOTOPE SCANNING (E1)

Survey of radiopharmaceuticals and their current status. Soloway AH, et al.  
*J Pharm Sci* 63:647-65, May 74 (103 ref.)  
[Quantitative diagnosis of pancreatic diseases: approach by pancreatic scintigraphy] Hoshi M, et al.  
*Jap J Clin Med* 31:553-61, Mar 73 (26 ref.) (Jap)

### RADIOISOTOPES (D1)

The alpha radioactivity of marine organisms. Cherry RD, et al.  
*At Energy Rev* 12:3-45, 1974 (156 ref.)  
Treatment with unsealed radioisotopes. Greig WR, et al.  
*Br Med Bull* 29:63-8, Jan 73 (50 ref.)  
Nuclear-fueled cardiac pacemakers. Huffman FN, et al.  
*Chest* 65:647-72, Jun 74 (26 ref.)  
Survey of radiopharmaceuticals and their current status. Soloway AH, et al.  
*J Pharm Sci* 63:647-65, May 74 (103 ref.)

### RADIOTHERAPY (E2)

The relevance of experimental radiobiology to radiotherapy. Present limitations and future possibilities. Alper T.  
*Br Med Bull* 29:3-4, Jan 73 (40 ref.)  
Osteoradionecrosis of the mandible. Mariani RD, et al.  
*J Oral Surg* 32:435-40, Jun 74 (34 ref.)

### RADIOTHERAPY DOSAGE (E2)

The significance of the time-dose relationship in radiotherapy. Wierak G.  
*Br Med Bull* 29:39-43, Jan 73 (60 ref.)  
[Interval of radiosensitivity as a basis of therapeutic irradiation of malignant tumors] Kholin VV.  
*Med Radiol (Mosk)* 18:71-7, Dec 73 (37 ref.) (Eng. Abstr.) (Rus)

### RADIUM (D1)

Present status of radium. Simon N.  
*NY State J Med* 74:823-4, May 74 (10 ref.)

### RECEPTORS, ADRENERGIC (G1)

Morphological plasticity of central adrenergic neurons. Stenevi U, et al.  
*Brain Behav Evol* 8:110-34, 1973 (49 ref.)

### RECEPTORS, CHOLINERGIC (G1)

The acetylcholine receptor: progress report. Karlin A.  
*Life Sci* 14:1285-415, 16 Apr 74 (117 ref.)

### RECEPTORS, DRUG (G1)

Taste receptor proteins. Dastoli FR.  
*Life Sci* 14:1417-36, 16 Apr 74 (37 ref.)  
[Neonatal pharmacology] Langlois A.  
*Tidsskr Nor Lægeforen* 94:711-3, 20 Apr 74 (10 ref.) (Nor)

### REGURGITATION, GASTRIC (C4)

Vomiting, regurgitation, and aspiration in obstetrics. Abouleish E, et al.  
*Pa Med* 77:45-58, May 74 (64 ref.)



# RENAL OSTEODYSTROPHY (C3, C6, C13)

Collagen metabolism, uremia and bone. Avioli LV. *Kidney Int* 4:105-15, Aug 73 (103 ref.)  
Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)

# REPRODUCTION (G1)

Symposium on reproduction of arthropods of medical and veterinary importance. II. Meeting of the sexes. Anderson JR. *J Med Entomol* 11:7-19, 28 Mar 74 (180 ref.)  
Symposium on reproduction of arthropods of medical and veterinary importance. V. Reproduction in Diptera of medical importance with special reference to mosquitoes. Barr AR. *J Med Entomol* 11:35-40, 28 Mar 74 (29 ref.)  
Symposium on reproduction of arthropods of medical and veterinary importance. VI. Reproduction in the females of some hematophagous insects. Davey KG. *J Med Entomol* 11:40-5, 28 Mar 74 (37 ref.)  
Symposium on reproduction of arthropods of medical and veterinary importance. 2. Accessory functions of seminal fluid. Hinton HE. *J Med Entomol* 11:19-25, 28 Mar 74 (48 ref.)  
Symposium on reproduction of arthropods of medical and veterinary importance. I. Insect gametogenesis. King RC. *J Med Entomol* 11:1-7, 28 Mar 74 (28 ref.)  
Symposium on reproduction of arthropods of medical and veterinary importance. IV. Reproduction in ticks (Ixodidae). Oliver JH Jr. *J Med Entomol* 11:24-34, 28 Mar 74 (45 ref.)  
A review of some aspects concerning mating and reproduction in sheep. Tonder EM van. *J S Afr Vet Med Assoc* 43:329-43, Dec 72 (111 ref.)  
[Prostaglandins and their role in physiology of reproduction (author's transl)] Marchlewski-Koj A. *Przegl Lek* 31:383-7, 1974 (45 ref.) (Pol)

# RESERPINE (D2, D5)

Depressive reactions associated with reserpine. Ambrosino SV. *NY State J Med* 74:880-4, May 74 (21 ref.)

# RESPIRATORS (E2, E5)

variation in the occurrence of extracellular diffusible antigens in temperature-induced variants of *Erwinia herbicola* Y46, and observations of their relationships with *Erwinia amylovora*. Hodgkin JE, et al. *Crit Care Med* 2:96-102, Mar-Apr 74 (29 ref.)

# RESPIRATORY DISTRESS SYNDROME (C5, C16)

Recent advances in pathologic aspects of neonatal respiratory distress. Roan RC, et al. *Pathol Annu* 8:407-53, 1973 (107 ref.)  
[Oxygen for premature infants with respiratory complications] Blystad W. *Tidsskr Nor Lægeforen* 94:884-8, 20 Apr 74 (10 ref.) (Nor)  
[Etiology, pathogenesis and possible treatment of 'respiratory distress syndrome'] Karlberg P, et al. *Tidsskr Nor Lægeforen* 94:877-84, 20 Apr 74 (20 ref.) (Swe)

# RESPIRATORY INSUFFICIENCY (C5)

variation in the occurrence of extracellular diffusible antigens in temperature-induced variants of *Erwinia herbicola* Y46, and observations of their relationships with *Erwinia amylovora*. Hodgkin JE, et al. *Crit Care Med* 2:96-102, Mar-Apr 74 (29 ref.)

# RESPIRATORY SYSTEM (A4)

[Effect of the primary distribution of the microbial aerosol in the respiratory system on the size of the infecting dose (a review of the literature)] Gapochko KG, et al. *Zh Mikrobiol Epidemiol Immunobiol* 50:3-8, Sep 73 (15 ref.) (Eng. Abstr.) (Rus)

# RESPIRATORY TRACT DISEASES (C5)

Drugs used in respiratory therapy. Sladen A. *Chin Anesth* 10:315-41, 1974 (94 ref.)

# RETICULOENDOTHELIOSIS (C2, C9)

Tumours of the lymphoreticular system: nomenclature, histogenesis, and behaviour. Gowing NF. *J Clin Pathol [Suppl]* 7:103-7, 1974 (65 ref.)

# RETINAL DEGENERATION (C11)

Modern concepts of senile macular degeneration. Kornzweig AL. *J Am Geriatr Soc* 22:246-53, Jun 74 (25 ref.)

# RETINAL DISEASES (C11)

A selected review of current retinal research and study. Cohen J. *Am J Optom* 50:884-90, Aug 73 (34 ref.)  
[Review of ocular electrophysiology (1971-1972)] Sole P, et al. *Arch Ophthalmol (Paris)* 33:707-18, Oct 73 (201 ref.) (Fre)

# RHEUMATIC FEVER (C1, C3, C17)

[Rheumatic fever-rheumatic carditis] Kawakita S, et al. *Jap J Clin Med* 31:3403-8, Dec 73 (28 ref.) (Jap)

# RHEUMATIC HEART DISEASE (C1, C8)

[Rheumatic fever-rheumatic carditis] Kawakita S, et al. *Jap J Clin Med* 31:3403-8, Dec 73 (28 ref.) (Jap)

# RHODOPSEUDOMONAS (B3)

The relation between H<sup>+</sup>-uptake and electron flow in chromatophores from photosynthetic bacteria. Crofts AR, et al. *Ann NY Acad Sci* 237:327-43, 18 Feb 74 (41 ref.)

# RIBOFLAVIN DEFICIENCY (C13)

Riboflavin and adrenal cortex. *Nutr Rev* 31:95-6, Mar 73 (6 ref.)

# RIBONUCLEASE (D9)

Ribonuclease T1. Structure and function. Takahashi K, et al. *Adv Biophys (Tokyo)* 1:53-98, 1970 (79 ref.)

# RNA, MESSENGER (D10)

The tRNA-mRNA complex of protein biosynthesis. Thomas BR. *Biochimie* 55:1325-39, 1973 (54 ref.)

# RNA POLYMERASE (D9)

Chromatin and ribonucleic acid polymerases in the eukaryotic cell. Blawas BB. *Subcell Biochem* 3:27-38, Mar 74 (68 ref.)

# RNA, TRANSFER (D10)

The tRNA-mRNA complex of protein biosynthesis. Thomas BR. *Biochimie* 55:1325-39, 1973 (54 ref.)

# RNA, VIRAL (D10)

Interaction of poliovirus-specific RNAs with HeLa cells and E. coli. Koch G. *Curr Top Microbiol Immunol* 63:89-138, 1973 (104 ref.)  
Synthesis of viral products by cell-free extracts. Phillips BA, et al. *Prog Med Virol* 13:83-155, 1971 (328 ref.)

# RUMEN (A13)

Utilization of non-protein nitrogen in the production of animal protein. Chalupa W. *Proc Nutr Soc* 32:99-105, Sep 73 (39 ref.)  
Microbial protein synthesis. Thomas PC. *Proc Nutr Soc* 32:95-91, Sep 73 (60 ref.)

# SCHIZOPHRENIA (F2)

Possible interaction of environmental and biological factors in the etiology of schizophrenia. Review and integration. Strahilevitz M. *Can Psychiatr Assoc J* 19:207-17, Apr 74 (113 ref.)

# SEAWATER (G3)

The alpha radioactivity of marine organisms. Cherry RD, et al. *At Energy Rev* 12:3-45, 1974 (150 ref.)

# SECRETIN (D8)

[Diagnosis of pancreatic diseases: Biochemical tests] Toda Y, et al. *Jap J Clin Med* 31:519-28, Mar 73 (34 ref.) (Jap)

# SELENIUM (D1)

Selenium as a feed additive. *Nutr Rev* 32:158-9, May 74 (2 ref.)

# SEMEN (A12)

Symposium on reproduction of arthropods of medical and veterinary importance. 3. Accessory functions of

seminal fluid. Hinton HE. *J Med Entomol* 11:19-25, 28 Mar 74 (48 ref.)

# SEX CHROMOSOME

# ABNORMALITIES (C16)

[Study of metaphase chromosomes by the method of fluorescence (review of the literature)] Korenevskaya MI. *Probl Gematol Perelit Krovi* 19:56-60, Mar 74 (85 ref.) (Rus)

# SEX CHROMOSOMES (A11)

[Study of metaphase chromosomes by the method of fluorescence (review of the literature)] Korenevskaya MI. *Probl Gematol Perelit Krovi* 19:56-60, Mar 74 (85 ref.) (Rus)

# SEX HORMONES (D8)

The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. Rabin BR, et al. *J Clin Pathol [Suppl]* 7:51-9, 1974 (26 ref.)

# SHEEP (B2)

Immunity to *Corynebacterium pseudotuberculosis*. Cameron CM. *J S Afr Vet Med Assoc* 43:343-9, Dec 72 (11 ref.)  
A review of some aspects concerning mating and reproduction in sheep. Tonder EM van. *J S Afr Vet Med Assoc* 43:329-43, Dec 72 (111 ref.)  
Amino acid requirements and amino acid supply in the sheep. Armatrong DG. *Proc Nutr Soc* 32:107-13, Sep 73 (27 ref.)  
Protein-energy interrelationships in growth and lactation of cattle and sheep. Broster WH. *Proc Nutr Soc* 32:115-22, Sep 73 (54 ref.)  
Nitrogen cycling in sheep. Nolan JV, et al. *Proc Nutr Soc* 32:93-8, Sep 73 (30 ref.)

# SHEEP DISEASES (C15)

Immunity to *Corynebacterium pseudotuberculosis*. Cameron CM. *J S Afr Vet Med Assoc* 43:343-9, Dec 72 (11 ref.)

# SHOCK, HEMORRHAGIC (C17)

Neuroleptanesthesia, dissociative anesthesia, and hemorrhage. Corssen G, et al. *Int Anesthesiol Clin* 12:145-61, Spring 74 (33 ref.)  
Kidney function during anesthesia and hemorrhage. Deutsch S. *Int Anesthesiol Clin* 12:109-25, Spring 74 (27 ref.)  
Management of general anesthesia during hemorrhage. Graves CL. *Int Anesthesiol Clin* 12:1-40, Spring 74 (48 ref.)  
Refractory hypotension: mechanism and prevention. Massion WH. *Int Anesthesiol Clin* 12:233-37, Spring 74 (15 ref.)  
Effects of anesthesia and hemorrhage on lung function. Massion WH. *Int Anesthesiol Clin* 12:83-107, Spring 74 (25 ref.)

# SKIN ABSORPTION (G1)

Percutaneous absorption. Brissom P. *Can Med Assoc J* 110:1182-5, 18 May 74 (31 ref.)

# SKIN DISEASES (C12)

[What's new in American dermatology?] Hollander A. *Hautarzt* 24:225-9, Jun 73 (47 ref.) (Ger)

# SLEEP, REM (F1, G1)

Theoretical view of REM sleep function: maintenance of catecholamine systems in the central nervous system. Stern WC, et al. *Behav Biol* 11:1-32, May 74 (170 ref.)

# SOCIAL BEHAVIOR (F1)

Observational study of behavior: sampling methods. Altmann J. *Behaviour* 49:227-67, 1974 (94 ref.)

# SPINAL CORD (A8)

Vasculature of the spinal cord: a review. I. Anatomy and physiology. Schoenberg P. *Bull Los Angeles Neurol Soc* 39:71-85, Apr 74 (28 ref.)  
Vasculature of the spinal cord: a review. II. Clinical considerations. Schoenberg P. *Bull Los Angeles Neurol Soc* 39:86-97, Apr 74 (24 ref.)  
Noradrenergic mediation of traumatic spinal cord autodestruction. Osterholm JL. *Life Sci* 14:1363-84, 18 Apr 74 (22 ref.)



## SPINAL CORD DISEASES

### SPINAL CORD DISEASES (C10)

Vasculature of the spinal cord: a review. II. Clinical considerations. Schossberger P.  
Bull Los Angeles Neurol Soc 39:94-97, Apr 74 (34 ref.)

### SPINAL CORD INJURIES (C14)

Noradrenergic mediation of traumatic spinal cord autodestruction. Osterholm JL.  
Life Sci 14:1363-64, 16 Apr 74 (23 ref.)  
[Radiolabel methods of study of the cerebrospinal fluid dynamics under normal conditions and in pathology] Naumenko Iul, et al.  
Med Radiol (Mosk) 18:63-70, Oct 73 (39 ref.) (Rus)

### SPINAL CORD NEOPLASMS (C2)

[Radiolabel methods of study of the cerebrospinal fluid dynamics under normal conditions and in pathology] Naumenko Iul, et al.  
Med Radiol (Mosk) 18:63-70, Oct 73 (39 ref.) (Rus)

### STARVATION (C13)

Starvation in pregnancy: metabolic changes.  
Nutr Rev 31:82-3, Mar 73 (11 ref.)

### STEROLS (D11)

Role of the gut microflora in metabolism of lipids and sterols. Kyssen H.  
Proc Nutr Soc 22:59-63, Sep 73 (32 ref.)

### STOMACH (A3)

[Choice of method of stomach drainage (by pyloroplasty or gastroenteroanastomosis) after vagotomy (review of the foreign literature)] Senulovich VF, et al.  
Klin Khir 3:50-4, Mar 74 (57 ref.) (Rus)

### STOMATITIS (C4)

The significance of Candida albicans in denture stomatitis. Budtz-Jørgensen E.  
Scand J Dent Res 82:151-90, 1974 (173 ref.)

### STRABISMUS (C11)

Strabismus. Reinecke RD.  
Arch Ophthalmol 91:501-14, Jun 74 (130 ref.)

### STREPTOCOCCAL INFECTIONS (C1)

Carcinoma of the tongue in a child. Report of a case and review of the literature. Turner H, et al.  
Oral Surg 37:663-7, May 74 (12 ref.)

### STREPTOCOCCUS FAECALIS (B3)

Chemiosmotic interpretation of active transport in bacteria. Harold FM.  
Ann NY Acad Sci 237:297-311, 18 Feb 74 (63 ref.)

### STRESS (C17)

Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. Munson PL.  
Prog Brain Res 39:361-73, 1973 (33 ref.)

### STUDENT DROPOUTS (F1, I, N1)

An Israeli experimental group with primary school dropouts outside the school setting. Berman Y.  
Child Welfare 50:336-40, Jun 71 (90 ref.)

### SUBCELLULAR FRACTIONS (A11)

Synthesis of viral products by cell-free extracts. Phillips BA, et al.  
Prog Med Virol 13:83-155, 1971 (328 ref.)

### SULFAMETHOXAZOLE (D3)

[Sulfamethoxazole-trimethoprim and megaloblastic anemia] Lindahl A.  
Ugeskr Laeger 136:835-6, 8 Apr 74 (14 ref.) (Dan)

### SURGERY, OPERATIVE (E4)

Effect of anesthetics on surgical blood loss. Maasson WH, et al.  
Int Anesthesiol Clin 12:203-13, Spring 74 (24 ref.)  
[Present-day possibilities of surgery in children with hemorrhagic diathesis] Dysky-Laube B.  
Pediatri Pol 45:1267-73, Oct 73 (39 ref.) (Eng. Abstr.) (Pol)

### SURGICAL WOUND INFECTION

(C1, C17)

[Preventive use of antibiotics in surgical procedures]

## MEDICAL REVIEWS

Bruun JN.  
Tidsskr Nor Laegeforen 94:741-5, 30 Apr 74 (27 ref.) (Nor)

### SV40 VIRUS (B4)

The SV40 "S" antigen and other papovavirus-induced surface antigens. Collins JJ, et al.  
Curr Top Microbiol Immunol 63:153-83, 1974 (153 ref.)

### SWINE DISEASES (C15)

Enteric Escherichia coli diseases in weaned pigs. Svendsen J. Nord Vet Med 26:226-36, Mar 74 (86 ref.)

### SYMBIOSIS (G1)

Evidence for the symbiotic origin of mitochondria. Fridovich I. Life Sci 14:819-26, 1 Mar 74 (54 ref.)

### SYMPATHOLYTICS (D5)

[Principles of combining hypotensive agents (review of the literature)] Kazak LI.  
Vrach Delo 4:1-4, 1974 (41 ref.) (Rus)

### SYNAPTIC VESICLES (A8, A11)

How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. Douglas WW.  
Prog Brain Res 39:21-39, 1973 (90 ref.)

### SYNCOPE (C17)

[Carotid sinus pressure test for diagnosis of unexplained syncopal attacks and indication for pacemaker treatment] Kindermann G.  
Med Klin 69:477-80, 22 Mar 74 (20 ref.) (Ger)

### SYSTEMS ANALYSIS (L)

System analysis of the vestibulo-ocular control mechanism. Mansourian PG.  
Adv Ophthalmol 28:175-205, 1974 (72 ref.)

### TACHYCARDIA, PAROXYSMAL (C8)

[Wolff-Parkinson-White syndrome and paroxysmal tachycardia in infancy. Case report and review of literature] Pilotti G, et al.  
Minerva Pediatr 26:438-44, 10 Mar 74 (121 ref.) (Eng. Abstr.) (Ita)

### TASTE (F1, G1)

Taste receptor proteins. Dastoli FR.  
Life Sci 14:1417-26, 16 Apr 74 (27 ref.)

### TASTE BUDS (A3, A9)

Taste receptor proteins. Dastoli FR.  
Life Sci 14:1417-26, 16 Apr 74 (27 ref.)

### TENDONS (A2)

Philosophy of tendon repair. Entin MA.  
Orthop Clin North Am 4:859-64, Oct 73 (17 ref.)  
Primary repair of flexor tendons. Kleinert HE, et al.  
Orthop Clin North Am 4:865-76, Oct 73 (8 ref.)

### THALASSEMIA (C9)

[Thalassemias] Tönz O.  
Med Klin 69:399-403, 8 Mar 74 (12 ref.) (Ger)

### THERMODYNAMICS (H)

Resonance in bioenergetics. McClare CW.  
Ann NY Acad Sci 237:74-97, 18 Feb 74 (40 ref.)

### THROMBOPHLEBITIS (C8)

Epidemiological studies. Relation between dietary fat and arterial and venous thrombosis. Stormorken H. Haemostas 2:1-12, 1973-74 (31 ref.)  
[Detection of venous thrombi in lower extremities with radioactive isotopes] Dziuk E.  
Pol Arch Med Wewn 51:409-14, Apr 74 (33 ref.) (Pol)

### THROMBOSIS (C8)

Relevance of thrombosis to infarction. Baroldi G. Adv Cardiol 9:15-33, 1973 (30 ref.)  
Platelets, thrombosis and coronary artery disease. Genton E, et al. Adv Cardiol 9:29-39, 1973 (25 ref.)  
The rôle of surface phenomena in intravascular thrombosis. Sawyer PN, et al. Bibl Anat 12:106-19, 1973 (39 ref.)  
Dietary fats and arterial thrombosis. Hornstra G. Haemostas 2:21-33, 1973-74 (131 ref.)  
Effect of lipids and hypolipemic drugs on platelet

aggregation and thrombosis. O'Brien JR. Haemostas 2:160-75, 1973-74 (29 ref.)  
Epidemiological studies. Relation between dietary fat and arterial and venous thrombosis. Stormorken H. Haemostas 2:1-12, 1973-74 (31 ref.)

### THUMB (A1, A2)

The wrist and thumb in rheumatoid arthritis. Kleinert HE, et al.  
Orthop Clin North Am 4:1065-96, Oct 73 (34 ref.)

### THYMUS GLAND (A7)

Immunological studies of nude mice. Wortis HH. Contemp Top Immunobiol 3:243-63, 1974 (111 ref.)  
The lymphoid system and experimental neoplasias. Davies AJ, et al. J Clin Pathol [Suppl] 7:72-8, 1974 (35 ref.)

### THYROID DISEASES (C7)

Treatment with unsealed radiolabelled isotopes. Greig WR, et al. Br Med Bull 29:63-8, Jan 73 (56 ref.)

### THYROID GLAND (A6)

Thyroid thermogenesis. Edelman IS.  
N Engl J Med 290:1303-8, 6 Jun 74 (12 ref.)

### THYROID NEOPLASMS (C2)

Ultrastructural and functional relationships of some human endocrine tumors. Gould VE, et al. Pathol Annu 8:205-30, 1973 (62 ref.)

### THYROIDITIS (C7)

Experimental autoimmune thyroiditis. Weigle WO. Pathol Annu 8:329-47, 1973 (70 ref.)

### THYROTROPIN RELEASING

#### HORMONE (D8)

Chemistry of hypothalamic releasing factors. Burgus R, et al. Prog Brain Res 39:41-51, 1973 (37 ref.)

### TICKS (B1)

Symposium on reproduction of arthropods of medical and veterinary importance. IV. Reproduction in ticks (Ixodidae). Oliver JH Jr. J Med Entomol 11:26-34, 28 Mar 74 (65 ref.)

### TISSUE EXTRACTS (D12)

The identification of barbiturates from biological specimens. Jain NC, et al. J Chromatogr Sci 13:223-36, May 74 (112 ref.)

### TOES (A1, A2)

[Gledion's syndrome. Description of a case with review of literature] Verona R, et al. Minerva Pediatr 26:313-22, 25 Feb 74 (10 ref.) (Eng. Abstr.) (Ita)

### TONGUE DISEASES (C4)

Carcinoma of the tongue in a child. Report of a case and review of the literature. Turner H, et al. Oral Surg 37:663-7, May 74 (12 ref.)

### TONGUE NEOPLASMS (C2)

Carcinoma of the tongue in a child. Report of a case and review of the literature. Turner H, et al. Oral Surg 37:663-7, May 74 (12 ref.)

### TRACHEA (A4)

The cartilaginous skeleton of the bronchial tree. Vanpeperstraete F. Adv Anat Embryol Cell Biol 48:1-80, 1973 (115 ref.)

### TRANQUILIZING AGENTS (D6)

[The antipsychotic action of neuroleptics and basal ganglia function] Arushanian EB. Farmakol Toksikol 26:481-9, Jul-Aug 73 (170 ref.) (Rus)

### TRANSCRIPTION, GENETIC (G1)

Chromatin and ribonucleic acid polymerases in the eukaryotic cell. Blawas BB. Subcell Biochem 3:27-38, Mar 74 (68 ref.)

### TRANSFORMATION, GENETIC (G1)

Transfection in B. subtilis. Trautner TA, et al. Curr Top Microbiol Immunol 62:61-83, 1973 (117 ref.)

**TRANSPLANTATION IMMUNOLOGY (G1)**

Immunological facilitation, a broadening of the concept of the enhancement phenomenon. Volsin GA. *Frog Allergy* 15:338-485, 1971 (719 ref.)  
[Current possibilities and trends in biological immunosuppression in transplantation of organs and tissues. II] Păușescu E. *Microbiol Parasitol Epidemiol (Bucur)* 18:519-26, Nov-Dec 73 (81 ref.) (Rum)

**TRANSPPOSITION OF GREAT VESSELS (C16)**

Corrected transposition. Surgical treatment of associated anomalies. Bonfils-Roberts EA, et al. *Ann Thorac Surg* 17:200-9, Feb 74 (14 ref.)

**TRICUSPID VALVE INSUFFICIENCY (C8)**

[Positive venous pulse] Grishkevich VM. *Kardiologia* 12:136-43, Jul 72 (90 ref.) (Rus)

**TRIGLYCERIDES (D11)**

Triglyceride metabolism in diabetes mellitus. Nikkilä EA. *Frog Biochem Pharmacol* 8:271-99, 1973 (151 ref.)

**TRIMETHOPRIM (D2, D3)**

[Sulfamethoxazole-trimethoprim and megaloblastic anemia] Lindahl A. *Ugeskr Laeger* 136:835-6, 8 Apr 74 (14 ref.) (Dan)

**TUBERCULOSIS VACCINES (D12)**

BCG and cancer. Bast RC Jr, et al. *N Engl J Med* 290:1458-69, 27 Jun 74 (131 ref.)  
BCG and cancer (first of two parts). Bast RC Jr, et al. *N Engl J Med* 290:1413-20, 20 Jun 74 (130 ref.)

**ULTRASONICS (H)**

Review of progress and application in acoustic microscopy. Kessler LW. *J Acoust Soc Am* 55:909-18, May 74 (42 ref.)  
[Ultrasonic diagnosis of the pancreas] Kitamura T, et al. *Jap J Clin Med* 31:582-6, Mar 73 (43 ref.) (Jap)

**UREMIA (C6)**

Collagen metabolism, uremia and bone. Avioli LV. *Kidney Int* 4:105-15, Aug 73 (102 ref.)  
Intestinal absorption of calcium and the effect of renal insufficiency. Coburn JW, et al. *Kidney Int* 4:96-104, Aug 73 (93 ref.)

**URINE (A12)**

[Significance of urinary enzyme determination] Mattenheimer H. *Curr Probl Clin Biochem* 1:355-88, 1968 (78 ref.) (Ger)

**UROLOGY (G2)**

Nosocomial infections and the urologist. Evans AT. *J Urol* 111:813-6, Jun 74 (11 ref.)

**UTERUS (A5)**

[The uteroplacental circulation (author's transl)] Moll W, et al. *Z Geburtshilfe Perinatol* 178:1-18, Feb 74 (82 ref.) (Eng. Abstr.) (Ger)

**VAGOTOMY (E4)**

[Choice of method of stomach drainage (by pyloroplasty or gastroenteroanastomosis) after vagotomy (review of the foreign literature)] Senutovich VF, et al. *Klin Khir* 3:50-4, Mar 74 (57 ref.) (Rus)  
[Effect of vagotomy on gastric secretion] Postolov PM, et al. *Sov Med* 37:39-43, May 74 (76 ref.) (Rus)

**VAGUS NERVE (A8)**

[Effect of vagotomy on gastric secretion] Postolov PM, et al. *Sov Med* 37:39-43, May 74 (76 ref.) (Rus)

**VARIATION (GENETICS) (G1)**

Antigenic variation in influenza virus. Biology and

chemistry. Webster RG, et al. *Frog Med Virol* 13:371-338, 1971 (165 ref.)

**VASECTOMY (E4)**

[Male sterilization-vasectomy] Hagenfeldt K. *Lakartidningen* 70:3137-40, 11 Sep 73 (46 ref.) (Eng. Abstr.) (Swe)

**VASODILATOR AGENTS (D5)**

Vasodilator drugs in the treatment of hypertension. Koch-Weser J. *Arch Intern Med* 133:1017-27, Jun 74 (116 ref.)

**VASOMOTOR SYSTEM (A7, A8)**

Control of cerebral circulation in health and disease. Lassen NA. *Circ Res* 34:749-60, Jun 74 (119 ref.)

**VENOMS (D12)**

Studies on stabilization of the oxidative phosphorylation system. 3. The effects of substrates and ATP on sensitivity of various energy-linked functions of submitochondrial particles to phospholipase A from *Crotalus terrificus* venom. Lusikov VN, et al. *J Bioenerg* 4:521-32, Jul 73

**VERTEBRAL ARTERY (A7)**

[Positive and negative aspects of modern techniques of carotid and vertebral angiography] Bryc S. *Pel Tyg Lek* 29:743-5, 29 Apr 74 (22 ref.) (Pol)

**VESTIBULAR APPARATUS (A9)**

System analysis of the vestibulo-ocular control mechanism. Mansourian PG. *Adv Ophthalmol* 28:175-205, 1974 (72 ref.)

**VINCRISTINE (D2, D4)**

Vincristine neurotoxicity. Rosenthal S, et al. *Ann Intern Med* 80:733-7, Jun 74 (62 ref.)

**VINYL COMPOUNDS (D2)**

Anthranilate synthetase. Zalkin H. *Adv Enzymol* 38:1-39, 1973 (102 ref.)

**VIRAL PROTEINS (D10)**

Synthesis of viral products by cell-free extracts. Phillips BA, et al. *Frog Med Virol* 13:83-155, 1971 (338 ref.)

**VIRAL VACCINES (D12)**

Allergic reactions associated with viral vaccines. Isaacson P, et al. *Frog Med Virol* 13:339-70, 1971 (139 ref.)

**VIRUS CULTIVATION (E5)**

[Characteristics of the interactions of viruses and cells in chronically infected cultures] Andzhaparidze OG, et al. *Vopr Virosl* 18:843-9, Nov-Dec 73 (74 ref.) (Rus)

**VIRUS DISEASES (C1)**

[Immunity and virus] Kobayashi H, et al. *Jap J Clin Med* 31:3362-7, Dec 73 (42 ref.) (Jap)  
[Disseminated sclerosis among migrants: an attempt at supporting the viral etiology] Cendrowski W. *Pel Tyg Lek* 29:677-9, 23 Apr 74 (16 ref.) (Pol)

**VIRUSES (B4)**

The membrane structure of lipid-containing viruses. Leonard J, et al. *Biochim Biophys Acta* 344:51-94, 8 Apr 74 (219 ref.)  
Blood-group and Forssman antigenic determinants shared between microbes and mammalian cells. Springer GF. *Frog Allergy* 15:9-77, 1971 (298 ref.)

**VITAMIN D (D11)**

Hormonal control of skeletal and mineral homeostasis. Rasmussen H, et al. *Am J Med* 56:751-8, Jun 74 (30 ref.)  
Parathyroid hormone, calcitonin, and vitamin D. MacIntyre I. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)  
Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. Brickman AS, et al. *Kidney Int* 4:161-7, Aug 73 (73 ref.)  
[Metabolism and mechanism of vitamin D] Pietrek J. *Pel Arch Med Wewn* 51:425-32, Apr 74 (30 ref.) (Pol)

**VITAMINS (D11)**

[Supply of vitamins and iron to premature babies] Lindberg T. *Lakartidningen* 70:3360-2, 19 Sep 73 (32 ref.) (Eng. Abstr.) (Swe)

**VOLUNTARY WORKERS (M, N2)**

Mental health volunteers as change agents. Siegel JM. *Am J Community Psychol* 1:138-58, Apr-Jun 73 (76 ref.)

**VOMITING (C4, C17)**

Vomiting, regurgitation, and aspiration in obstetrics. Abouleish E, et al. *Pa Med* 77:45-58, May 74 (64 ref.)

**WARFARIN (D3, D7)**

The effect of heparin and warfarin on primary and metastatic tumors. Millar RC, et al. *J Med (Basel)* 5:23-31, 1974 (55 ref.)

**WATER (D1, G3)**

Hydration of proteins and polypeptides. Kuntz ID Jr, et al. *Adv Protein Chem* 28:239-345, 1974 (295 ref.)  
Participation of water in protein reactions. Lumry R. *Ann NY Acad Sci* 227:471-85, 18 Feb 74 (76 ref.)

**WATER POLLUTION, CHEMICAL (G3)**

Consequences of high nitrate levels in feed and water supplies. Emerick RJ. *Fed Proc* 33:1183-7, May 74 (77 ref.)  
If all the sea were PCB. *Food Cosmet Toxicol* 11:131-5, Feb 73 (39 ref.)

**WATER POLLUTION, RADIOACTIVE (G3)**

The alpha radioactivity of marine organisms. Cherry RD, et al. *At Energy Rev* 12:3-45, 1974 (150 ref.)

**WINE (J)**

[Different hazards of liver cirrhosis in beer drinkers and wine drinkers?] Glatzel H. *Med Klin* 69:469-74, 15 Mar 74 (34 ref.) (Ger)

**WOLFF-PARKINSON-WHITE SYNDROME (C8)**

[Wolff-Parkinson-White syndrome and paroxysmal tachycardia in infancy. Case report and review of literature] Pilotti G, et al. *Minerva Pediatr* 26:426-44, 10 Mar 74 (121 ref.) (Eng. Abstr.) (Ita)

**WOUND HEALING (G1)**

Some factors affecting wound healing. Silver IA. *Equine Vet J* 5:47-51, Apr 73 (17 ref.)

**WRIST (A1, A2)**

The wrist and thumb in rheumatoid arthritis. Kleinert HE, et al. *Orthop Clin North Am* 4:1065-96, Oct 73 (34 ref.)

**XENON (D1)**

[Indications for xenon photocoagulation in diabetic retinopathies] Maciejewski Z. *Wlad Lek* 27:527-30, 15 Mar 74 (13 ref.) (Eng. Abstr.) (Pol)

**ZINC (D1)**

[Zinc and zinc deficiency—a clinical review] Haeger K. *Lakartidningen* 70:3243-6, 19 Sep 73 (46 ref.) (Eng. Abstr.) (Swe)

**ZOLLINGER-ELLISON SYNDROME (C2)**

[Some clinical syndromes associated with hormonally-active tumors of pancreatic islets derived from non-insulin-producing cells] Palam M. *Wlad Lek* 27:521-5, 15 Mar 74 (26 ref.) (Eng. Abstr.) (Pol)





# bibliography of medical reviews

## Author Section

- A**
- Abouleish E, Grenvik A: Vomiting, regurgitation, and aspiration in obstetrics. *Pa Med* 77:45-56, May 74 (84 ref.)
- Adams GE: Chemical radiosensitization of hypoxic cells. *Br Med Bull* 29:48-53, Jan 73 (38 ref.)
- Ader R, Grotta LJ: Adrenocortical mediation of the effects of early life experiences. *Prog Brain Res* 39:395-406, 1973 (37 ref.)
- Ado VA, Maksimenko SF: Allergiya k khimicheskim (niskomolekulyarnym) sensibilizatoram. *Farmakol Toksikol* 28:494-6, Jul-Aug 73 (34 ref.) (Rus)
- Agarunova IS: see Resnikova MM
- Aklev AE: K epidemiologii sovremennoy kholely v zarubezhnykh stranakh. *Zh Mikrobiol Epidemiol Immunobiol* 51:9-16, Mar 74 (32 ref.) (Rus)
- Albrink MJ: Dietary carbohydrates in lipid disorders in man. *Prog Biochem Pharmacol* 8:343-70, 1973 (95 ref.)
- Alexander P: The role of macrophages in tumour immunity. *J Clin Pathol (Suppl)* 7:7-53, 1974 (18 ref.)
- Allison AC: Lysosomes in cancer cells. *J Clin Pathol (Suppl)* 7:43-50, 1974 (60 ref.)
- Allison AC: The roles of T and B lymphocytes in self-tolerance and autoimmunity. *Contemp Top Immunobiol* 3:227-42, 1974 (46 ref.)
- Alper T: The relevance of experimental radiobiology to radiotherapy. Present limitations and future possibilities. *Br Med Bull* 29:3-8, Jan 73 (40 ref.)
- Altman J: Observational study of behavior: sampling methods. *Behaviour* 49:227-87, 1974 (84 ref.)
- Ambrosino SV: Depressive reactions associated with reserpine. *NY State J Med* 74:860-4, May 74 (21 ref.)
- Amelung D: Enzymelimination aus dem Plasma. *Curr Probl Clin Biochem* 1:149-53, 1968 (15 ref.) (Ger)
- Andersen H: see Ditzel J
- Andersen V, Kjaer M, Bendixen G: In vitro-demonstration of cellular hypersensitivity to tumour antigens in man. *Ser Haematol* 5:3-21, 1973 (66 ref.)
- Anderson DR: Fine structure and function of ocular tissues. The optic nerve. *Int Ophthalmol Clin* 13:329-42, Fall 73 (12 ref.)
- Anderson JR: Symposium on reproduction of arthropods of medical and veterinary importance. II. Meeting of the sexes. *J Med Entomol* 11:7-19, 28 Mar 74 (160 ref.)
- Andersson T, Landberg T, Möller TR: Kombinationskemoterapi vid Mb Hodgkin. *Läkartidningen* 71:1844-6, 2 May 74 (15 ref.) (Swe)
- Andreoli VM, Marfat P, Tomos GC: Platelet lipid modifications induced by fatty acids. Experimental studies and correlations with human neuropathology. *Haemostasis* 2:118-40, 1973-74 (59 ref.)
- Andzhaparidze OG, Bogomolova NN: Osobennosti vzaimodeystviya virusov i kletok v khronicheskiy infektirovannykh kul'turakh. *Vopr Virusol* 18:643-9, Nov-Dec 73 (74 ref.) (Rus)
- Ardense M von: Selective multiphase cancer therapy: conceptual aspects and experimental basis. *Adv Pharmacol Chemother* 10:339-80, 1973 (69 ref.)
- Armstrong DG: Amino acid requirements and amino acid supply in the sheep. *Proc Nutr Soc* 32:107-13, Sep 73 (27 ref.)
- Arauz CD: Hyperparathyroidism and renal failure. *Kidney Int* 4:108-15, Aug 73 (54 ref.)
- Arshadian EB: Antiparkhoticheskoe deystvie nefroleptikov i funktsiya bazal'nykh gangliov. *Farmakol Toksikol* 26:481-9, Jul-Aug 73 (170 ref.) (Rus)
- Atasoy E: see Kleinert HE
- Avioli LV: Collagen metabolism, uremia and bone. *Kidney Int* 4:108-15, Aug 73 (102 ref.)
- Awalt CH: Antiepileptische drugs. *Clin Anesth* 10:167-83, 1974 (45 ref.)
- Axelrod J: The pineal gland: a neurochemical transducer. *Science* 184:1341-3, 28 Jun 74 (62 ref.)
- B**
- Bacia F: see Sole P
- Badura W: see Fajor Z
- Baldwin RW: Membrane associated antigens in chemically-induced tumours. *Ser Haematol* 5:67-92, 1973 (90 ref.)
- Bamerjee B: see Saha N
- Banwell JO, Sherr H: Effect of bacterial enterotoxins on the gastrointestinal tract. *Gastroenterology* 65:467-97, Sep 73 (290 ref.)
- Barchuk VA: see Komarov FI
- Barkagan ZS: O printspakh raspoznavaniya i klassifikatsii trombotatsii. *Probl Gematol Pereliv Krovi* 19:3-12, 1974 (47 ref.) (Rus)
- Baroldi G: Relevance of thrombosis to infarction. *Adv Cardiol* 9:15-28, 1973 (20 ref.)
- Barr AE: Symposium on reproduction of arthropods of medical and veterinary importance. V. Reproduction in Diptera of medical importance with special reference to mosquitoes. *J Med Entomol* 11:35-40, 28 Mar 74 (29 ref.)
- Bartlett SG: see Gorbach SL
- Basaklian LA: see Zhdanova LG
- Bast RC Jr, Zbar B, Borsoos T, et al: BCG and cancer. *N Engl J Med* 290:1455-60, 27 Jun 74 (131 ref.)
- Bast RC Jr, Zbar B, Borsoos T, et al: BCG and cancer (first of two parts). *N Engl J Med* 290:1413-20, 20 Jun 74 (130 ref.)
- Begemann H: Diagnostisches Vorgehen bei Vorliegen von Lymphknotenschwellungen. *Med Klin* 69:490-2, 15 Mar 74 (60 ref.) (Ger)
- Benditt EP: see Gould VE
- Bendixen G: see Andersen V
- Benesch R: see Benesch RE
- Benesch RE, Benesch R: The mechanism of interaction of red cell organic phosphates with hemoglobin. *Adv Protein Chem* 28:211-37, 1974 (125 ref.)
- Benimovich MS: Deistvie aflatoxinov na zhivotnye kletki v kul'ture tkanei (obzor literatury). *Farmakol Toksikol* 26:497-501, Jul-Aug 73 (35 ref.) (Rus)
- Berg K: Arv-miljösprsmål i relation till koronar hjärtsjukdom. *Tidskr Nor Laegeforen* 94:551-7, 30 Mar 74 (20 ref.) (Nor)
- Berman Y: An Israeli experimental group with primary school dropouts outside the school setting. *Child Welfare* 50:336-40, Jun 71 (90 ref.)
- Berquist KE: see Patterson CP
- Besser GM, Mortimer CH: Hypothalamic regulatory hormones: a review. *J Clin Pathol* 27:173-84, Mar 74 (99 ref.)
- Better OS: see Kleiman CE
- Blawas BB: Chromatin and ribonucleic acid polymerases in the eukaryotic cell. *Subcell Biochem* 3:37-58, Mar 74 (68 ref.)
- Bittersohl G: Beitrag zu Schädigungsmöglichkeiten des Zentralnervensystems durch toxische Arbeitstoffe. *Z Gesamte Hyg* 30:73-8, Feb 74 (68 ref.) (Ger)
- Björver E: Alkoholismens komplikationer. Återspeglade i sjuklighetsförhållanden bland alkoholisbrukare. *Läkartidningen* 71:2055-8, 15 May 74 (25 ref.) (Swe)
- Björklund A: see Stenerv U
- Black PH: see Collins JJ
- Black S: A theory on the origin of life. *Adv Enzymol* 35:199-234, 1973 (51 ref.)
- Blinger AF: Sovremennyye predstavleniya o patogenезе virusov: Otsenka. *Sov Med* 57:12-8, May 74 (26 ref.) (Rus)
- Bloedel JR: Cerebellar afferent systems: a review. *Prog Neurobiol* 2:3-68, 1973 (389 ref.)
- Bluest DG: A review of one thousand uncomplicated vaginal operations for abortion. *Contraception* 7:11-25, Jan 73 (13 ref.)
- Bystad W: Oksygen til premature med respiratoriske komplikationer. *Tidskr Nor Laegeforen* 94:864-8, 30 Apr 74 (10 ref.) (Nor)
- Blyth CA: see Rabin BE
- Bogomolova NN: see Andzhaparidze OG
- Bomba J: see Fajor Z
- Bondis-Roberts EA, Gailer B, McGoon DC, et al: Corrected transposition. Surgical treatment of associated anomalies. *Ann Thorac Surg* 17:300-9, Feb 74 (14 ref.)
- Bordier P: see Kaasmussen H
- Borsoos T: see Bast RC Jr
- Borta WM: The pathogenesis of hypercholesterolemia. *Ann Intern Med* 80:738-46, Jun 74 (144 ref.)
- Bowser MA: see Hodgkin JE
- Boysen G, Engell HC, Pistolesse GM, et al: Editorial: On the critical lower level of cerebral blood flow in man with particular reference to carotid surgery. *Circulation* 49:1023-5, Jun 74 (21 ref.)
- Brand MM: see Rosan RC
- Braunwald E: Mechanics and energetics of the normal and failing heart. *Trans Assoc Am Physicians* 84:83-94, 1971 (82 ref.)
- Braunwald E: Regulation of the circulation (second of two parts). *N Engl J Med* 290:1430-5, 20 Jun 74 (44 ref.)
- Brest AN, Suggiero N: Therapeutic alternatives in hypertension. *Lab Invest* 29:491-4, Oct 73 (15 ref.)
- Brewer HS Jr, Fairwell T, Mittel W, et al: Recent studies on the chemistry of human, bovine and porcine parathyroid hormones. *Am J Med* 54:759-66, Jun 74 (33 ref.)
- Brickman AS, Norman AW: Treatment of renal osteodystrophy with calciferol (vitamin D) and related steroids. *Kidney Int* 4:161-7, Aug 73 (73 ref.)
- Brierley GF: Passive permeability and energy-linked ion movements in isolated heart mitochondria. *Ann NY Acad Sci* 227:396-411, 18 Feb 74 (51 ref.)
- Brinkhous KM, Mason RG: Fibrinogen: requirement for platelet aggregation and adhesion. *Acta Univ Carol (Med Monogr)* (Praga) 53:9-16, 1972 (23 ref.)
- Brinson P: Percutaneous absorption. *Can Med Assoc J* 110:1182-5, 18 May 74 (31 ref.)
- Broster WH: Protein-energy interrelationships in growth and lactation of cattle and sheep. *Proc Nutr Soc* 32:115-22, Sep 73 (54 ref.)
- Brown HC: Current concepts of burn pathology and mechanisms of deformity in the burned hand. *Orthop Clin North Am* 4:967-99, Oct 73 (13 ref.)
- Brown JH, Varamis J, Toews J, et al: Psychiatry and oncology: a review. *Can Psychiatr Assoc J* 19:219-22, Apr 74 (12 ref.)
- Browning HC: The evolutionary history of the corpus luteum. *Biol Reprod* 8:122-57, Mar 73 (156 ref.)
- Brunner KT: see Cerottini JC
- Bruun JN: Antibiotikaprofylakse ved kirurgiske limgrep. *Tidskr Nor Laegeforen* 94:741-5, 30 Apr 74 (27 ref.) (Nor)
- Brye S: Dodatnie i ujemne strony wspolczesnych techniki angiografii ukhadu tetnic sylnych i kregowych. *Pol Tyg Lek* 29:743-5, 29 Apr 74 (23 ref.) (Pol)
- Budiz-Jørgensen E: The significance of *Candida albicans* in denture stomatitis. *Scand J Dent Res* 52:151-60, 1974 (173 ref.)
- Buhl M: Herpes simplex encephalitis. Akut nekrotisierende encephalitis of benign herpes simplex encephalitis. *Ugeskr Laeger* 136:815-21, 8 Apr 74 (25 ref.) (Dan)
- Burgas R, Vale W, Rivier J, et al: Chemistry of hypothalamic releasing factors. *Prog Brain Res* 39:41-51, 1973 (37 ref.)
- Burtin P: Nature and significance of the antigens associated with human gastrointestinal tumours. *J Clin Pathol (Suppl)* 7:115-6, 1974 (26 ref.)
- Burton GG: see Hodgkin JE
- Burton I: see Golliger JC
- Bury KD, Stephens RV, Cha CJ, et al: Chemically defined diets. *Can J Surg* 17:124-34, May 74 (26 ref.)
- C**
- Cain GD: see Rahman F
- Cameron CM: Immunity to *Corynebacterium pseudotuberculosis*. *J S Afr Vet Med Assoc* 43:343-9, Dec 73 (11 ref.)
- Capra JD, Kahoe JM: Editorial: Antibody diversity: is it all coded for by the germ line genes? *Scand J Immunol* 3:1-4, 1974 (17 ref.)
- Carier JR: see Corssen G

# MEDICAL REVIEWS

G

- Carter RL see Davies AJ  
Castañe A see Castañe P  
Castañe P, Castañe A: Problemy miastenii. *Klin Med (Mosk)* 51:10-3, Sep 73 (5 ref.) (Rus)  
Cats C: The yellow baby. *NY State J Med* 74:804-7, May 74 (21 ref.)  
Celada F: The cellular basis of immunologic memory. *Prog Allergy* 15:233-47, 1971 (170 ref.)  
Cendrowski W: Stwierdzenie roszczenia wrodzonego migratoru-próba nawiazania do wirusowej etiologii choroby. *Pol Tyg Lek* 29:77-9, 23 Apr 74 (16 ref.) (Pol)  
Cerotini JC, Brummer KT: Cell-mediated cytotoxicity, allograft rejection, and tumor immunity. *Adv Immunol* 18:87-132, 1974 (308 ref.)  
Cha CJ see Burr KD  
Chalupa W: Utilization of non-protein nitrogen in the production of animal protein. *Proc Nutr Soc* 32:99-105, Sep 73 (39 ref.)  
Chao JM see Marderostan AD  
Chartes A see Debrun G  
Cherry RD, Shannon LV: The alpha radioactivity of marine organisms. *At Energy Rev* 12:3-45, 1974 (150 ref.)  
Christensen MF: Recidivierende mavesmerter hos børn. *Ugeskr Laeger* 136:821-5, 8 Apr 74 (Dan)  
Chung SI see Folk JE  
Coates ME: Gnotobiotic animals in nutrition research. *Proc Nutr Soc* 32:53-8, Sep 73 (27 ref.)  
Coburn JW, Hartenbower DL, Masary SG: Intestinal absorption of calcium and the effect of renal insufficiency. *Kidney Int* 4:94-104, Aug 73 (93 ref.)  
Coddell RJ see Crofts AE  
Cohen J: A selected review of current retinal research and study. *Am J Optom* 50:884-90, Aug 73 (34 ref.)  
Cohn JN, Limas CJ, Gulha NH: Hypertension and the heart. *Arch Intern Med* 133:999-75, Jun 74 (106 ref.)  
Coleman PH see Henderson BE  
Collins JJ, Blaz R: The SV40 "B" antigen and other papovavirus induced mouse antigens. *Curr Top Microbiol Immunol* 63:153-83, 1974 (153 ref.)  
Compans RW see Leonard J  
Cooper MD see Lawton AR 3d  
Corssen G, Reyes JG, Carter JR: Neuroleptanesthesia, dissociative anesthesia, and hemorrhage. *Int Anesthesiol Clin* 12:145-81, Spring 74 (32 ref.)  
Cox GB, Gibson F: Studies on electron transport and energy-linked reactions using mutants of *Escherichia coli*. *Biochim Biophys Acta* 348:1-25, 30 Apr 74 (75 ref.)  
Cravey RH, Jain NC: Current status of blood alcohol methods. *J Chromatogr Sci* 12:209-13, May 74 (33 ref.)  
Cravey RH see Jain NC  
Crofts AE, Evans EH, Cogdell RJ: The relation between H<sup>+</sup>-uptake and electron flow in chromatophores from photosynthetic bacteria. *Ann NY Acad Sci* 227:227-43, 18 Feb 74 (41 ref.)  
Cullen SE see Nathanson SG  
Cunningham AJ, Pitaraki LM: Antibody diversity: a case for its generation after antigenic stimulation. *Scand J Immunol* 3:5-10, 1974 (39 ref.)  
Czabalski K: Niektóre aspekty patomechanizmu swiadu. *Przegl Dermatol* 61:235-41, Mar-Apr 74 (49 ref.) (Pol)

D

- Dastoff FR: Taste receptor proteins. *Life Sci* 14:1417-26, 16 Apr 74 (27 ref.)  
Dausset J: The chromosomal HLA-A complex. Humoral and cellular immunity in organ graft rejection. *Haematologia (Budap)* 7:155-70, 1973 (33 ref.)  
Davey KG: Symposium on reproduction of arthropods of medical and veterinary importance. VI. Reproduction in the females of some hematophagous insects. *J Med Entomol* 11:40-5, 26 Mar 74 (27 ref.)  
David DB: Hypercalcaemia associated with chronic renal failure: a unifying hypothesis. *Perspect Biol Med* 17:561-70, Spring 74 (71 ref.)  
Davis JM, Paul WE: Antigen-binding receptors on lymphocytes. *Contemp Top Immunobiol* 3:171-92, 1974 (59 ref.)  
Davies AJ, Weston BJ, Carter RL, et al: The lymphoid system and experimental neoplasias. *J Clin Pathol [Suppl]* 7:72-6, 1974 (35 ref.)  
Davies AJ see Faulk WF  
Davis DF see Foston RN  
Davis EA see Hafezi Y  
Davis MA see Soloway AH  
DeBernardis JP see Sluda JF  
Debrun G, Chartes A: Infra and supratentorial arteriovenous malformations, a general review. About 2 cases of spontaneous supratentorial arteriovenous malformation of the dura. *Neuroradiology* 3:184-92, Apr 73 (34 ref.)  
De la Higuera Rojas J see Gonzales Santos P  
DeLaca HP: The kidney as an endocrine organ involved in calcium homeostasis. *Kidney Int* 4:80-9, Aug 73 (85 ref.)  
Demayer EM see Faulk WF  
Demura H: Idiopathic Addison's disease. *Jap J Clin Med* 31:348-73, Dec 73 (34 ref.) (Jap)  
De Petris R see Raffi MC  
Der Vartanian PV, LeClair J: A monomolecular electron transfer chain: structure and function of cytochrome C3. *Biochim Biophys Acta* 344:77-99, 30 Apr 74 (64 ref.)  
Deutsch S: Kidney function during anesthesia and hemorrhage. *Int Anesthesiol Clin* 12:109-25, Spring 74 (37 ref.)  
Dietzel W see Mission WH  
Dietzel J, Andersen H, Peters ND: Aendringer i de røde blodlegemers Hæfekt hos diabetikere. *Ugeskr Laeger* 136:812-4, 8 Apr 74 (25 ref.) (Dan)  
Domonarov AV: K voprosu o sostoianii kletknoy pronitsaemosti pri gemoliticheskoj bolezni novorozhdennykh i nekotorykh gemoliticheskikh sostoianiakh u starshikh detei (obzor literatury). *Vopr Okhr Materin Det* 18:54-9, Jan 73 (Rus)  
Doherty D see Rabin EH  
Dombal FT see Golliger JC  
Dorferman RI: Hormonal contraception. *Life Sci* 14:827-35, 1 Mar 74 (23 ref.)

- Douglas WW: How do neurones secrete peptides? Exocytosis and its consequences, including "synaptic vesicle" formation, in the hypothalamo-neurohypophyseal system. *Prog Brain Res* 39:21-36, 1973 (50 ref.)  
Dreyer R: Überlegungen und Beobachtungen zur Pharmakotoxikologie der antiepileptischen Arzneimittel. *Nervenarzt* 45:115-9, Mar 74 (17 ref.) (Ger)  
Dublin M, Vols PA: Space related research in mycology concurrent with the first decade of manned space exploration. *Space Life Sci* 4:233-30, Apr 73 (74 ref.)  
Dumeez W: Exploitation of the oxygen enhancement ratio in clinical practice. *Br Med Bull* 29:32-8, Jan 73 (80 ref.)  
Dyszy-Lauze B: Współczesne możliwości wykonywania zabiegów chirurgicznych u dzieci obciążonych skazami ośrodkowymi. *Pediatr Pol* 45:1267-73, Oct 73 (39 ref.) (Pol)  
Dusak E: Wykrywanie rakotwórczych w kończynach dolnych za pomocą izotopów promieniotwórczych. *Pol Arch Med Wewn* 51:409-14, Apr 74 (33 ref.) (Pol)

E

- Edelman IS: Thyroid thermogenesis. *N Engl J Med* 290:1303-8, 8 Jun 74 (12 ref.)  
Edwards RG: Fertilization of human eggs in vitro: morals, ethics and the law. *Q Rev Biol* 49:3-26, Mar 74 (197 ref.)  
Egami F see Takahashi K  
Egami N: [Senescence from the standpoint of manifestation of genetic codes] *Jap J Clin Med* 32:3-7, Jan 74 (25 ref.) (Jap)  
Egerton JM: The application of anthelmintics in the feedlot. *Adv Pharmacol Chemother* 10:381-91, 1972 (19 ref.)  
Eidinger D see Fross HP  
Eliot RS, Holinger JW: The pathophysiologic panorama of myocardial ischemia and infarction. *Adv Cardiol* 9:2-14, 1973 (28 ref.)  
Eliot RS see Guy CR  
Eliot RS see Sahaiah JM  
Elkins WL: Cellular immunology and the pathogenesis of graft versus host reactions. *Prog Allergy* 15:78-187, 1971 (388 ref.)  
Elliot DW: Effect of lost pancreatic juice on gastric acid and peptic ulcer. *Am J Surg* 127:858-62, Jun 74 (39 ref.)  
Emerick MJ: Consequences of high nitrate levels in feed and water supplies. *Fed Proc* 33:1123-7, May 74 (77 ref.)  
Engell HC see Boyesen G  
Enlin MA: Philosophy of tendon repair. *Orthop Clin North Am* 8:359-64, Oct 73 (17 ref.)  
Evans AT: Nosocomial infections and the urologist. *J Urol* 111:813-8, Jun 74 (11 ref.)  
Evans EH see Crofts AE  
Eysen H: Role of the gut microflora in metabolism of lipids and sterols. *Proc Nutr Soc* 32:59-63, Sep 73 (32 ref.)

F

- Faerman I see Jadinisky M  
Fahy D see Rapp DJ  
Fairwell T see Brewer HB Jr  
Fassett DW see Fleischer M  
Faulk WF, Demayer EM, Davies AJ: Some effects of malnutrition on the immune response in man. *Am J Clin Nutr* 27:632-48, Jun 74 (114 ref.)  
Favazza AR, Martin F: The treatment of delirium tremens: controversy in the literature. *J Am Med Assoc* 229:219-21, May 74 (25 ref.)  
Felig P: Diabetic ketoacidosis. *N Engl J Med* 290:1360-3, 13 Jun 74 (9 ref.)  
Festl P see Landau G  
Fialkow FJ: The origin and development of human tumors studied with cell markers. *N Engl J Med* 291:26-35, 4 Jul 74 (14 ref.)  
Fidge N: A review of methods and metabolic studies associated with the radiolabeling of lipoproteins. *Clin Chim Acta* 53:5-13, Mar 74 (45 ref.)  
Fiane H: Cerebral symptomatology in neonatal period. Prognosis of beholding. *Tidsskr Nor Lægeforen* 94:700-4, 20 Apr 74 (11 ref.) (Nor)  
Fleischer M, Sarofim AF, Fassett DW, et al: Environmental impact of cadmium: a review by the Panel on Hazardous Trace Substances. *Environ Health Perspect* 7:253-323, May 74 (261 ref.)  
Folk JE, Chang SI: Molecular and catalytic properties of transglutaminases. *Adv Enzymol* 38:109-91, 1973 (99 ref.)  
Forrest AP: Hormones and neoplasia. *J Clin Pathol [Suppl]* 7:65-71, 1974 (76 ref.)  
Fox BW, Lajtha LG: Radiation damage and repair phenomena. *Br Med Bull* 29:16-22, Jan 73 (74 ref.)  
Fox D see Jadinisky M  
Fox SW: Origins of biological information and the genetic code. *Mol Biol Biochem* 3:129-42, 15 Apr 74 (72 ref.)  
Franklin W: Treatment of severe asthma. *N Engl J Med* 290:1469-72, 27 Jun 74  
Fridovich I: Evidence for the symbiotic origin of mitochondria. *Life Sci* 14:819-26, 1 Mar 74 (54 ref.)  
Friedkin M: Thymidylate synthetase. *Adv Enzymol* 38:225-52, 1973 (161 ref.)  
Friend DG: Aspirin: the unique drug. *Arch Surg* 108:765-9, Jun 74 (37 ref.)  
Frimpter GW: Aminoacidurias due to inherited disorders of metabolism. 2. *N Engl J Med* 289:895-901, 25 Oct 73 (87 ref.)  
Frykman G see Kleinfert HE  
Fuchs E: Probleme des Asthma bronchiale. Allergisches Bronchiolenasthma—Diagnostik und Desensibilisierung. *Prax Pneumol* 2:70-84, Feb 74 (31 ref.) (Ger)

- Gapochko KG, Ogarkov VI: Villianie pervichnogo raspredelenia mikrobnogo adrozolia v dykhatel'noi sisteme na velichinu infiltriruyushchey dozy (obzor literatury). *Zh Mikrobiol Epidemiol Immunobiol* 50:3-6, Sep 73 (15 ref.) (Rus)  
Gasser DL, Silvers WK: Genetic determinants of immunological responsiveness. *Adv Immunol* 18:1-46, 1974 (334 ref.)  
Genton E, Welty HE, Steele FF: Platelets, thrombosis and coronary artery disease. *Adv Cardiol* 9:29-39, 1973 (25 ref.)  
Gerlach U: Enzymaktivität im Serum bei Krankheiten der Leber und Gallenwege. *Curr Probl Clin Biochem* 1:165-96, 1968 (105 ref.) (Ger)  
Gershon RK: T cell control of antibody production. *Contemp Top Immunobiol* 3:1-40, 1974 (284 ref.)  
Gibson F see Cox GB  
Giermo F: Studies on the effect and mode of action of chlorhexidine in dental plaque inhibition. *Nor Tannlaegeforen Tid* 84:215-26, Jun 74 (54 ref.)  
Glatzel H: Unterschiedliches Risiko von Leberzirrhose bei Biertrinkern und Weintrinkern. *Med Klin* 69:449-74, 15 Mar 74 (34 ref.) (Ger)  
Golliger JC, Dombal FT de, Burton I: Crohn's disease, with special reference to surgical management. *Prog Surg* 10:1-23, 1973 (53 ref.)  
Gonzales Santos P, De la Higuera Rojas J: Lípidos y aterosclerosis. *Rev Clin Esp* 132:387-96, 15 Mar 74 (89 ref.) (Espa)  
Goodwin JF: Spectrum of cardiomyopathy and current classification. *Singapore Med J* 14:358-62, Sep 73 (18 ref.)  
Gorbach SL, Bartlett JG: Anaerobic infections (third of three parts). *N Engl J Med* 290:1289-94, 6 Jun 74 (37 ref.)  
Gold VE, Benditt EP: Ultrastructural and functional relationships of some human endocrine tumors. *Pathol Annu* 8:205-30, 1973 (82 ref.)  
Gowing NF: Tumours of the lymphoreticular system: nomenclature, histogenesis, and behaviour. *J Clin Pathol [Suppl]* 7:103-7, 1974 (85 ref.)  
Goya N: [Present status of treatment of immunodeficiency with special reference to cellular immunologic deficiency] *Jap J Clin Med* 31:2441-7, Dec 73 (37 ref.) (Jap)  
Granger GA: Lymphokines—the mediators of cellular immunity. *Ser Haematol* 5:8-40, 1972 (135 ref.)  
Graves CL: Management of general anesthesia during hemorrhage. *Int Anesthesiol Clin* 12:1-49, Spring 74 (48 ref.)  
Green DE: The electromechanochemical model for energy coupling in mitochondria. *Biochim Biophys Acta* 346:27-78, 30 Apr 74 (165 ref.)  
Gregory GE: Neuroanatomy of the mesothoracic ganglion of the cockroach *Periplaneta americana* (L.). I. The roots of the peripheral nerves. *Philos Trans R Soc Lond [Biol]* 267:421-65, 16 May 74 (99 ref.)  
Gregg WB, McDougall IB, Haiman KE: Treatment with unlabeled radioisotopes. *Br Med Bull* 29:63-9, Jan 73 (50 ref.)  
Grenvik A see Aboueleith E  
Griffin JM see Kleinfert HE  
Grishkevich VM: O polozhitel'nom vennom pul'se. *Kardiologia* 12:136-43, Jul 72 (90 ref.) (Rus)  
Grota LJ see Ader R  
Grover HF: Mechanisms augmenting coronary arterial oxygen extraction. *Adv Cardiol* 9:89-98, 1973 (21 ref.)  
Grubb R: The genetic markers of human immunoglobulins. *Mol Biol Biochem Biophys* 9:1-152, 1970 (347 ref.)  
Guglielmi G see Mancinella A  
Gulha NH see Cohn JN  
Guirgis HA see Lynch HT  
Gulha B see Bonfield-Welsh EA  
Guy CR, Eliot RS: Kinetics versus equilibrium in oxygen transport. *Adv Cardiol* 9:68-80, 1973 (38 ref.)  
Guy CR, Eliot RS: The pathophysiologic vulnerability of the subendocardium of the left ventricle. *Adv Cardiol* 9:43-53, 1973 (44 ref.)

H

- Habener JP see Segre GV  
Haeger K: Zink och xinkbrist—en klinisk översikt. *Läkartidningen* 70:3243-4, 19 Sep 73 (46 ref.) (Swe)  
Hagenfeldt K: Manlig sterilisering—vasektomi. *Läkartidningen* 70:3137-40, 12 Sep 73 (46 ref.) (Swe)  
Hakstian RW: Perineural neurotomy. *Orthop Clin North Am* 4:945-58, Oct 73 (17 ref.)  
Haiman KE see Gregg WB  
Hampers C see Landau G  
Hannemann HR: Steroidtherapie mit ACTH oder Corticoiden. *Med Klin* 69:513-24, 29 Mar 74 (136 ref.) (Ger)  
Hannya H: [Aging and diseases: diabetes mellitus] *Jap J Clin Med* 32:119-23, Jan 74 (19 ref.) (Jap)  
Hannstein WG see Hafezi Y  
Hannstein WG: [Disease and aging: senile dementia] *Jap J Clin Med* 32:50-62, Jan 74 (14 ref.) (Jap)  
Hardy RM see Osborne CA  
Harold FM: Chemiosmotic interpretation of active transport in bacteria. *Ann NY Acad Sci* 227:297-311, 18 Feb 74 (63 ref.)  
Hartenbower DL see Coburn JW  
Hartley BS: The active centers of serine proteinases. *Ann NY Acad Sci* 227:435-45, 18 Feb 74 (24 ref.)  
Hartley LB, Jones GI, Mason J: The usefulness of exercise therapy in the management of coronary heart disease. *Adv Cardiol* 9:174-9, 1973 (30 ref.)  
Hafezi Y, Hannstein WG, Davis KA, et al: Structure of the mitochondrial electron transport system. *Ann NY Acad Sci* 227:504-30, 18 Feb 74 (35 ref.)  
Hathway DE: Chemical, biochemical and toxicological differences between carbon tetrachloride and chloroform. A critical review of recent investigations



# MEDICAL REVIEWS

of these compounds in mammals.  
 Arzneim Forsch 24:173-6, Feb 74 (63 ref.)  
 Haack G, Spana W: [Driving ability as influenced by various drugs] Med Klin 69:525-9, 29 Mar 74 (4 ref.)  
 Hayakawa T see Toda Y  
 Hedberg S see Welch CE  
 Heidel G: Künstliche Polynukleotide als Interferon-induktoren.  
 Z Gesamte Hyg 20:116, Feb 74 (44 ref.) (Ger)  
 Helmpele H: Aplastische und hypoplastische Knochenmarkerkrankungen.  
 Med Klin 69:404-11, 8 Mar 74 (30 ref.) (Ger)  
 Helms F: Veränderungen der Enzymmuster unter physiologischen und pathologischen Bedingungen. Curr Probl Clin Biochem 1:53-92, 1968 (146 ref.) (Ger)  
 Hellström K, Hellström I: Lymphocyte-mediated cytotoxicity and blocking serum activity to tumor antigens. Adv Immunol 18:309-77, 1974 (349 ref.)  
 Henderson BE, Coleman FH: The growing importance of California arboviruses in the etiology of human disease. Prog Med Virol 1:53-61, 1971 (179 ref.)  
 Heppner GH: Blocking antibodies and enhancement. Ser Haematol 5:41-66, 1973 (126 ref.)  
 Herzenberg LA, Herzenberg LA: Short-term and chronic allopathy suppression in mice. Contemp Top Immunobiol 3:41-75, 1974 (87 ref.)  
 Herzenberg LA see Herzenberg LA  
 Heyck H see Landahn G  
 Hinoara S, Yamanaka A, Saiki S: [Senescence and amyloidosis] Jap J Clin Med 32:113-9, Jan 74 (18 ref.) (Jap)  
 Hinton HE: Symposium on reproduction of arthropods of medical and veterinary importance. 3. Accessory functions of seminal fluid. J Med Entomol 11:19-25, 28 Mar 74 (48 ref.)  
 Hirai S: [Senescence from the standpoint of the free radical theory] Jap J Clin Med 32:8-13, Jan 74 (26 ref.) (Jap)  
 Hirai S, Kikajima K, Nagao T: [Aging and diseases: leukemia] Jap J Clin Med 32:97-101, Jan 74 (31 ref.) (Jap)  
 Hirota Y: [Aging and diseases: multiple myeloma] Jap J Clin Med 32:102-12, Jan 74 (43 ref.) (Jap)  
 Hitzschke B see Meyer-Rüchener H  
 Hodgkin JA, Bowser MA, Blum GG: variation in the occurrence of extracellular diffusible antigens in temperature-induced variants of *Erwinia herbicola* Y46, and observations of their relationships with *Erwinia amylovora*. Crit Care Med 2:96-102, Mar-Apr 74 (29 ref.)  
 Holland MG: Autonomic drugs in ophthalmology: some problems and promises. I. Directly and indirectly acting parasympathomimetic drugs. Ann Ophthalmol 6:447-50 passim, May 74 (41 ref.)  
 Hollander A: Neuse aus der amerikanischen Dermatologie. Hautarzt 24:225-9, Jun 73 (47 ref.) (Ger)  
 Holmberg B: Kemiska faktorer och blåscancer. Lakartidningen 71:2173-5, 22 May 74 (56 ref.) (Swe)  
 Holsinger JW see Ellet RS  
 Honma Y see Murao M  
 Hornstra G: Dietary fats and arterial thrombosis. Haemostasis 2:31-52, 1973-74 (131 ref.)  
 Hoshi M, Kimura K: [Quantitative diagnosis of pancreatic diseases: approach by pancreatic scintigraphy] Jap J Clin Med 31:552-61, Mar 73 (36 ref.) (Jap)  
 Hovig B, Lassen J: Resistens ved antimikrobiell kjemoterapi. Tidsskr Nor Laegeforen 94:589-92, 30 Mar 74 (16 ref.) (Nor)  
 Huffman FM, Norman JC: Nuclear-fueled cardiac pacemakers. Chest 65:967-73, Jun 74 (26 ref.)  
 Hunstein W: Therapeutische Überlegungen bei der chronischen myelischen Leukämie. Med Klin 69:412-8, 8 Mar 74 (26 ref.) (Ger)  
 Husberg BS see Starni TE  
 Huxley HE: Muscular contraction and cell motility. Nature 243:445-9, 23 Jun 73 (60 ref.)  
 Hyypä M, Wartman RJ: Biogenic amines in the pituitary gland: what is their origin and function? Pituitary Indolamines. Prog Brain Res 39:211-5, 1973 (29 ref.)

**I**

Ibayashi H, Kato K, Motomatsu T, et al: [Senescence and hormones] Jap J Clin Med 32:30-9, Jan 74 (40 ref.) (Jap)  
 Ionescu G: Pathoterapiile condiționale, replica modernă a psihanalizei clasice. Neurol Psihiatr Neurochir 18:482-94, Nov-Dec 73 (43 ref.) (Rum)  
 Isaacson P, Stone A: Allergic reactions associated with viral vaccines. Prog Med Virol 13:339-70, 1971 (139 ref.)  
 Ishihara Y see Kuroda A  
 Israel H: Abnormalities of bone and orofacial changes from anticonvulsant drugs. J Public Health Dent 34:104-5, Spring 74 (8 ref.)  
 Israelachvili JN: Van der Waals forces in biological systems. Q Rev Biophys 1:481-87, Nov 73 (65 ref.)  
 Ito K see Kase M  
 Ivanov AI see Komarov FI  
 Iwamoto H see Kawakita S  
 Israelit MA see Moiseev AG

**J**

Jacobowitz DM: Distribution of biogenic amines in the pituitary gland. Prog Brain Res 39:199-209, 1973 (23 ref.)  
 Jadinasky M, Faerman I, Fox D: Neuropathic diabetes visceral. Acta Diabetol Lat 10:308-80, Mar-Apr 73 (167 ref.) (Spa)  
 Jago JD: The epidemiology of dental occlusion; a critical appraisal. J Public Health Dent 34:80-93, Spring 74 (104 ref.)

Jain NC, Cravey RH: A review of breath alcohol methods. J Chromatogr Sci 12:214-8, May 74 (33 ref.)  
 Jain NC, Cravey RH: The identification of barbiturates from biological specimens. J Chromatogr Sci 12:222-36, May 74 (113 ref.)  
 Jain NC see Cravey RH  
 Janus-Kukulska A: Wpływowe poglądy na dalszy rozwój dalszy z niska waga urodzeniowa. Pediatr Pol 49:327-33, May 74 (43 ref.) (Pol)  
 Jaramus S: Crohn's syndrome. Ugeskr Laeger 136:915-30, 22 Apr 74 (43 ref.) (Dan)  
 Jesse R see Schneider KW  
 Jones GL see Hartley LH  
 Just H: Akute und chronische Herzinsuffizienz in der Intensivmedizin. 2. Therapie. Med Klin 69:540-50, 29 Mar 74 (13 ref.) (Ger)  
 Just H: Akute und chronische Herzinsuffizienz in der Intensivmedizin. 1. Pathophysiologie und Diagnostik. Med Klin 69:502-8, 22 Mar 74 (13 ref.) (Ger)

**K**

Kagnoff MF: Induction and paralysis: a conceptual framework from which to examine the intestinal immune system. Gastroenterology 66:1240-56, Jun 74 (174 ref.)  
 Kakhelidze MG: Lefkoprotein. Patol Fiziol Eksp Ter 14:83-91, Sep-Oct 74 (240 ref.) (Rus)  
 Kalavsky SM see Lerer RJ  
 Kaliner M: Symposium on allergic lung disease. IV. Immunologic mechanisms for release of chemical mediators of anaphylaxis from human lung tissue. Can Med Assoc J 110:431 passim, 16 Feb 74 (27 ref.)  
 Kalus-Wilkowicz H see Kokot F  
 Kaplan NN: Adrenal causes of hypertension. Arch Intern Med 133:1001-6, Jun 74 (49 ref.)  
 Karlberg P, Kjellmer I: Etiologi, patogenese och möjliga behandlingsvägar vid "respiratory distress syndrome". Tidsskr Nor Laegeforen 94:677-84, 30 Apr 74 (30 ref.)  
 Karlén A: The acetylcholine receptor: progress report. Life Sci 14:1385-415, 16 Apr 74 (117 ref.)  
 Kase M, Ito K: [Aging and diseases: Parkinsonism] Jap J Clin Med 32:83-8, Jan 74 (8 ref.) (Jap)  
 Kastin AJ, Miller LH, Nockton R, et al: Behavioral aspects of melanocyte-stimulating hormone (MSH). Prog Brain Res 39:461-70, 1973 (38 ref.)  
 Kato K see Ibayashi H  
 Kaufman S see Rosenthal S  
 Kaussmann W see Kuntz ID Jr  
 Kawai K see Yamamoto S  
 Kawai S see Kitamura T  
 Kawai T, Kawano K: [Immunologic function tests] Jap J Clin Med 31:3375-80, Dec 73 (25 ref.) (Jap)  
 Kawai T, Matsuda S: [Senescence from the standpoint of immunity] Jap J Clin Med 31:314-9, Jan 74 (31 ref.) (Jap)  
 Kawakita S, Iwamoto H: [Rheumatic fever-rheumatic carditis] Jap J Clin Med 31:3402-8, Dec 73 (28 ref.) (Jap)  
 Kawasumi S see Kuroda Y  
 Kawano K see Kawai T  
 Kazak LI: Printsipny kombinirovaniya gipotenzivnykh sredstv (obzor literatury). Vrach Delo 4:1-4, 1974 (41 ref.) (Rus)  
 Kehoe JM see Capra JD  
 Kessler LW: Review of progress and application in acoustic microscopy. J Acoust Soc Am 55:909-18, May 74 (42 ref.)  
 Ketcham AS see Millar RC  
 Kettler DF see Speckermann FG  
 Kheifets LB: Peroral'nye vaktsiny dlia profilaktiki kishchnykh infektsii (obzor literatury). Zh Mikrobiol Epidemiol Immunobiol 51:21-8, Mar 74 (104 ref.) (Rus)  
 Kholin VV: Ob interval'no radiochuvstvitel'nosti kak osnovno terapevticheskogo obshcheniya kishchnykh infektsii. Med Radiol (Mosk) 18:71-7, Dec 73 (37 ref.) (Rus)  
 Kienka W, Sakaradkiewicz A: Zagadnienia odporności komórkowej w wirusowym zapaleniu wątroby. Pol Tyg Lek 39:633-4, 15 Apr 74 (21 ref.) (Pol)  
 Kieler J: Immunological aspects of neoplasia. I. Introduction. Ser Haematol 5:3-7, 1973 (18 ref.)  
 Kimura K see Hoshi M  
 Kindermann G: Karotidiusdruckversuch zur Diagnose unklarer synkopaler Anfälle und Indikation zur Schrittmacherbehandlung. Med Klin 69:477-80, 22 Mar 74 (20 ref.) (Ger)  
 King RC: Symposium on reproduction of arthropods of medical and veterinary importance. I. Insect gametogenesis. J Med Entomol 11:1-7, 28 Mar 74 (28 ref.)  
 Kinoschita Y: [Goodpasture's syndrome] Jap J Clin Med 31:3428-34, Dec 73 (30 ref.) (Jap)  
 Kitajima K see Hiraki K  
 Kitamura T, Kawai S, Nakagawa F, et al: [Ultrasonic diagnosis of the pancreas] Jap J Clin Med 31:563-8, Mar 73 (43 ref.) (Jap)  
 Kjaer M see Andersen  
 Kjellmer I see Karlberg P  
 Kleemann CR, Better OS: Disordered valent ion metabolism in kidney disease: comments on pathogenesis and treatment. Kidney Int 4:73-9, Aug 73 (53 ref.)  
 Kleimert HE, Frykman G: The wrist and thumb in rheumatoid arthritis. Orthop Clin North Am 4:1085-96, Oct 73 (24 ref.)  
 Kleimert HE, Griffin JM: Technique of nerve anastomosis. Orthop Clin North Am 4:907-15, Oct 73 (33 ref.)  
 Kleimert HE, Kutz JE, Atsasy E, et al: Primary repair of flexor tendons. Orthop Clin North Am 4:885-76, Oct 73 (8 ref.)  
 Klepzig H: Diagnostisches Vorgehen bei Schmerzen in der Herzgegend. Med Klin 69:486-8, 22 Mar 74 (Ger)  
 Knopf UC: On a eukaryotic cell-transformation by a bacterium. Subcell Biochem 5:39-48, Mar 74 (89 ref.)

Kobayashi H, Kusumaki N: [Immunity and virus] Jap J Clin Med 31:3363-7, Dec 73 (43 ref.) (Jap)  
 Koch G: Interaction of poliovirus-specific RNAs with HeLa cells and E. coli. Curr Top Microbiol Immunol 63:89-138, 1973 (104 ref.)  
 Koch H, Mayr E, Richter J, et al: Fortschritte auf dem Gebiet der Arzneimittelforschung. 6. Pharmazie 28:691-713, Nov-Dec 73 (364 ref.) (Ger)  
 Koch-Weser J: Vasodilator drugs in the treatment of hypertension. Arch Intern Med 133:1017-27, Jun 74 (116 ref.)  
 Kokot F, Kalus-Wilkowicz H: Wydalanie jonów wodorowych przez nerki-aspekty fizjologiczne i kliniczne. Przegl Lek 31:376-81, 1974 (48 ref.) (Pol)  
 Komarov FI, Ivanov AI, Barchuk VA: Makromolekularny kompleks sheichi i ego klinicheskoe znachenie (obzor literatury i sobstvennye issledovaniya). Ter Arkh 46:107-13, 1974 (50 ref.) (Rus)  
 Kopelevich VM see Moiseev AG  
 Korczyn AD: Pathophysiology of drug-induced dyskinesias. Neuropsychopharmacology 11:601-7, Sep 72 (46 ref.)  
 Korkutskaya NI: [Khimie i metafizika khromosom metodom fluorescencii] (obzor literatury). Probl Gematol Pereliv Krovi 19:54-66, Mar 74 (85 ref.) (Rus)  
 Kornsweg AL: Modern concepts of senile macular degeneration. J Am Geriatr Soc 22:248-53, Jun 74 (25 ref.)  
 Kovalev MM, Semenov NA: Preparaty dlia infektsionnykh i pitaniya (obzor literatury). Klin Khir 10:1-7, Oct 73 (33 ref.) (Rus)  
 Koslowska K: Struktura i funkcja bion podstawowych. Pol Arch Med Wewn 51:415-23, Apr 74 (41 ref.) (Pol)  
 Kosu T see Takemoto T  
 Kraft D see Weidemann G  
 Krivoy W see Zimmermann E  
 Kruher M: Use of corticosteroids in the treatment of diseases. South Med J 67:728-32, Jun 74 (79 ref.)  
 Kuroda Y, Kawanami S, Kuroda Y: [Multiple sclerosis and immunity] Jap J Clin Med 31:3381-6, Dec 73 (44 ref.) (Jap)  
 Krueger GR: Morphology of chemical immunosuppression. Adv Pharmacol Chemother 10:1-90, 1972 (323 ref.)  
 Kuntz ID Jr, Kaussmann W: Hydration of proteins and polypeptides. Adv Protein Chem 28:239-345, 1974 (295 ref.)  
 Künzel W see Moll W  
 Kupriyanov VV see Lushkov VN  
 Kuroda A, Wada Y, Ishihara Y, et al: [Insulinoma] Jap J Clin Med 31:620-33, Mar 73 (165 ref.) (Jap)  
 Kuroe K, Tazuma T, Yoshida Z: [Ulcerative colitis] Jap J Clin Med 31:2421-7, Dec 73 (55 ref.) (Jap)  
 Kurokawa K see Kawanami S  
 Kuts JE see Kleimert HE  
 Kusnik BI, Rusakov VP: O roli formennykh elementov i sosudistof stenki v protsesse svertyvaniya krovi (obzor literatury i sobstvennye dannye). Probl Gematol Pereliv Krovi 19:50-6, Mar 74 (90 ref.) (Rus)

**L**

Lacour F, Nahon-Mertin E, Michelson M: Immunological recognition of polynucleotide structures. Curr Top Microbiol Immunol 63:1-39, 1973 (106 ref.)  
 Laitha LG see Fox BW  
 Lamerton LF: The mitotic cycle and cell population control. J Clin Pathol [Suppl] 7:19-25, 1974 (29 ref.)  
 Landberg T see Andersson T  
 Landon J, Ratcliffe JG, Rees LH, et al: Tumour-associated hormonal products. J Clin Pathol [Suppl] 7:137-34, 1974 (58 ref.)  
 Lurie A: Neonatal pharmacology. Tidsskr Nor Laegeforen 94:711-2, 30 Apr 74 (10 ref.) (Nor)  
 Largiadè P see Süßerli H  
 Lassen J see Hovig B  
 Lassen JA: Control of cerebral circulation in health and disease. Circ Res 34:749-60, Jun 74 (119 ref.)  
 Latalio ZG see Stachurska J  
 Landahn G, Heyck H, Faustel P: Enzyme im Serum bei Muskelkrankheiten. Curr Probl Clin Biochem 1:340-317, 1968 (310 ref.) (Ger)  
 Lauweryns JM see Rosan RC  
 Laver WG see Webster RG  
 Lawton AR 3d, Cooper MD: Modification of B lymphocyte differentiation by anti-immunoglobulin. Contemp Top Immunobiol 3:193-225, 1974 (98 ref.)  
 Lazars IA, Serebrovskaya IA: Voprosy patogeneza i eksperimental'noi terapii oteka legkikh v trudakh sovetskikh issledovatelei. Patol Fiziol Eksp Ter 14:3-11, Sep-Oct 70 (131 ref.) (Rus)  
 Lazarus JM, Hampers C, Merrill JP: Hypertension in chronic renal failure. Treatment with hemodialysis and nephrectomy. Arch Intern Med 133:1059-66, Jun 74 (76 ref.)  
 LeGall J see Der Vartanian DV  
 Lemberger L: The metabolism of the tetrahydrocannabinols. Adv Pharmacol Chemother 10:221-55, 1972 (142 ref.)  
 Lenard J, Compans RW: The membrane structure of lipid-containing viruses. Biochim Biophys Acta 344:51-94, 8 Apr 74 (219 ref.)  
 Leng RA see Nolan JV  
 Lerer RJ, Kalavsky SM: Central nervous system disease associated with Mycoplasma pneumoniae infection: report of five cases and review of the literature. Pediatrics 52:658-68, Nov 73 (30 ref.)  
 Levy RI, Morganroth J, Rifkind BM: Treatment of hyperlipidemia. N Engl J Med 290:1295-301, 6 Jun 74 (21 ref.)



# MEDICAL REVIEWS

- Lewis MG: Immunology and the melanomas. *Curr Top Microbiol Immunol* 63:49-84, 1974 (153 ref.)
- Lieberman S, Paul WE: Genetic control of antibody responses to myeloma proteins of mice. *Contemp Top Immunobiol* 3:117-39, 1974 (45 ref.)
- Limas CJ see Cohn JN
- Lindahl A: Sulfamethoxazol-trimetoprim og megaloblastær anæmi. *Ugeskr Læger* 136:335-8, 8 Apr 74 (14 ref.) (Dan)
- Lindberg T: Vitamin- och järntillförsel till prematura barn. *Läkartidningen* 70:3360-2, 19 Sep 73 (32 ref.) (Swe)
- Lippold BC: Ionenpaare-Ihre Bildung, Bestimmung und Bedeutung. *Pharmazie* 28:713-30, Nov-Dec 73 (173 ref.) (Ger)
- Lombardi FJ, Reeves JP, Short SA, et al: Evaluation of the chemosmotic interpretation of active transport in bacterial membrane vesicles. *Ann NY Acad Sci* 237:313-27, 18 Feb 74 (46 ref.)
- Lucante FE: Connective tissue disorders in otolaryngology. *Ann Otol Rhinol Laryngol* 83:314-22, May-Jun 74 (35 ref.)
- Lumry R: Participation of water in protein reactions. *Ann NY Acad Sci* 237:471-85, 18 Feb 74 (76 ref.)
- Lumry R: Conformational mechanisms for free energy transduction in protein systems: old ideas and new facts. *Ann NY Acad Sci* 237:46-73, 18 Feb 74 (119 ref.)
- Lüscher EF, Massini P: On the mechanism of the induction of the platelet release reaction. *Acta Univ Carol [Med Monogr]* (Praha) 55:99-74, 1973 (26 ref.)
- Luzikov VN, Kapriyanov VV, Makhlis TA: Studies on stabilization of the oxidative phosphorylation system. 3. The effects of substrates and ATP on sensitivity of various energy-linked functions of submitochondrial particles to phospholipase A from *Crotalus terrificus* venom. *J Bioenerg* 4:331-32, Jul 73
- Lynch HT, Guirgis HA: Cancer resistance. I. *Nebr Med J* 59:184-61, May 74 (31 ref.)
- ## M
- McLean LD, Speckmann EW: A recognition of the interrelationship of calcium with various dietary components. *Am J Clin Nutr* 27:903-9, Jun 74 (47 ref.)
- McDougall IR see Greig WE
- McGeer EG see McGeer FL
- McGeer FL, McGeer EG: Neurotransmitter synthetic enzymes. *Prog Neurobiol* 2:71-117, 1973 (431 ref.)
- McGeown EC see Bonfils-Roberts RA
- Maciejewski Z: Wskazania do fotokoagulacji ksenonowej w retinopatii cukrzycowej. *Wiad Lek* 27:327-30, 15 Mar 74 (13 ref.) (Pol)
- MacIntyre I: Parathyroid hormone, calcitonin, and vitamin D. *Curr Top Exp Endocrinol* 2:179-93, 1974 (57 ref.)
- McLeas AS: Early adverse effects of radiation. *Br Med Bull* 29:69-73, Jan 73 (33 ref.)
- MacMahon HK: Biliary cirrhosis. *Pathol Annu* 8:157-204, 1973 (60 ref.)
- Madson JE: Transseptal transport og elektriske potentialer i den normale og inflammære humane colon. *Ugeskr Læger* 135:1513-20, 16 Jul 73 (Dan)
- Maiffet F see Andreoli VM
- Mage RG: Altered quantitative expression of immunoglobulin allotypes in rabbits. *Curr Top Microbiol Immunol* 63:131-52, 1974 (80 ref.)
- Makhlis TA see Luzikov VN
- Maksimenko SF see Ade VA
- Mancinella A, Guglielmi G: Le prostaglandine: azioni biologiche e prospettive terapeutiche. *Clin Ter* 65:569-76, 31 Mar 74 (60 ref.) (Ita)
- Mannus JA see Viret FH
- Manoussian PG: System analysis of the vestibulo-ocular control mechanism. *Adv Ophthalmol* 23:175-205, 1974 (72 ref.)
- Manske H: Pränatale Dystrophie. *Med Monatsschr* 28:14-9, Jan 74 (38 ref.) (Ger)
- Marchalewska-Koj A: Prostaglandyny i ich rola w fizjologii rosoedu. *Przegl Lek* 31:363-7, 1974 (45 ref.) (Pol)
- Marciand RD, Flesia RA: Osteoradionecrosis of the mandible. *J Oral Surg* 32:435-40, Jun 74 (24 ref.)
- Marderosian AD, Chao JM: Identification of active drug principles in natural products. *J Chromatogr Sci* 12:265-92, May 74 (166 ref.)
- Martin F see Favama AR
- Mashlova GM see Zhdanova LG
- Mason J see Hartley LH
- Mason EG see Brinkhous KM
- Massini P see Lüscher EF
- Massion WH: Effects of anesthesia and hemorrhage on lung function. *Int Anesthesiol Clin* 12:83-107, Spring 74 (25 ref.)
- Massion WH: Refractory hypotension: mechanism and prevention. *Int Anesthesiol Clin* 12:223-37, Spring 74 (15 ref.)
- Massion WH, Distel W: Effect of anesthetics on surgical blood loss. *Int Anesthesiol Clin* 12:203-13, Spring 74 (34 ref.)
- Mastry SG see Cohn JW
- Mathé G: Immunotherapy in leukemia. Experimental and clinical approaches. *Ser Haematol* 5:66-86, 1973 (60 ref.)
- Mathers DH see Salway JM
- Matsuda S see Kawai T
- Mattenheimer H: Der Aussagewert von Enzymbestimmungen im Urin. *Curr Probl Clin Biochem* 1:355-83, 1966 (76 ref.) (Ger)
- Matukas VJ see Miller EJ
- Maurer HM: Basic principles of polyacrylamide gel electrophoresis and some recent advances of the technique. *Ann Biol Clin (Paris)* 29:205-16, 1971 (14 ref.)
- Maynard JE see Patterson CP
- Mayer E see Koch H
- McClure CW: Resonance in bioenergetics. *Ann NY Acad Sci* 237:74-97, 18 Feb 74 (40 ref.)
- Meinger W: Asthma bronchiale als diagnostisches und therapeutisches Problem des Pädiaters. *Prax Pneumol* 26:71-8, Feb 74 (31 ref.) (Ger)
- Meisken J: Biological determinants of demographic trends. *Am J Public Health* 64:557-61, Jul 74 (48 ref.)
- Merrill JP see Lazarus JM
- Mietager H: Effect of antigen binding on the properties of antibody. *Adv Immunol* 18:169-307, 1974 (159 ref.)
- Meyer G see Swart H
- Meyer-Klischner H, Hitzschke R: Atiopathogenetische Probleme der Multiplen Sklerose. Zur Ätiologie, Pathogenese und Therapiekonzeption. *Nervenarzt* 45:153-61, Mar 74 (129 ref.) (Ger)
- Michell AR: Body fluids and diarrhoea: dynamics of dysfunction. *Vet Rec* 94:311-6, 8 Apr 74 (45 ref.)
- Michelson M see Lacoer F
- Miller MC, Ketcham AS: The effect of heparin and warfarin on primary and metastatic tumors. *J Med (Base)* 5:32-31, 1974 (55 ref.)
- Miller EJ, Matukas VJ: Biosynthesis of collagen. The biochemist's view. *Fed Proc* 33:1197-304, May 74 (97 ref.)
- Miller LH see Kastin AJ
- Mitchell GF: T cell modification of B cell responses to antigen in mice. *Contemp Top Immunobiol* 3:77-116, 1974 (189 ref.)
- Moiseenko AD, Kopelevich VM, Israelit MA, et al: D-gomopantotenovala kislotas (fiziko-khimicheskie i farmakologicheskie svoystva, metabolism, klinichesko primenenie) (obzor literatury. *Farmakol Toksikol* 26:489-94, Jul-Aug 73 (152 ref.) (Rus)
- Mole RH: Late effects of radiation: carcinogenesis. *Br Med Bull* 29:78-93, Jan 73 (33 ref.)
- Mull W: Künstl. Der uteroplantare Kreislauf. *Z Geburtshilfe Perinatol* 178:1-18, Feb 74 (63 ref.) (Ger)
- Möller TR see Andersson T
- Möllhoff G: Versicherungsmedizinische Bewertung von Rauschmittelabhängigen. *Z Rechtsmed* 74:1-8, 29 Mar 74 (40 ref.) (Ger)
- Monna T see Yamamoto S
- Montesano S see Tomatis L
- Moolten EH: Pulmonary lymphatics in relation to pulmonary clearance and interstitial fluid and their possible implication in the pathogenesis of emphysema. *Mt Sinai J Med NY* 41:412-34, May-Jun 74 (46 ref.)
- Moore RY see Stevens U
- Morgan DB: Calcium and phosphate metabolism and the bone. *Prog Surg* 10:34-75, 1973 (111 ref.)
- Morgane FJ see Stern WC
- Morganroth J see Levy RI
- Morfi H see Okamoto T
- Morris PJ: Histocompatibility systems, immune response, and disease in man. *Contemp Top Immunobiol* 3:141-69, 1974 (124 ref.)
- Mortimer CH see Besser GM
- Motomatsu T see Yamaji H
- Motulsky AG see Omenn GS
- Mroczek WJ: Malignant hypertension: kidneys too good to be extirpated. *Ann Intern Med* 80:754-7, Jun 74 (39 ref.)
- Muld SJ: Methods for the analysis of morphine and related surrogates: current status. *J Chromatogr Sci* 12:245-53, May 74 (79 ref.)
- Munson FL: Effects of morphine and related drugs on the corticotrophin (ACTH)-stress reaction. *Prog Brain Res* 39:361-72, 1973 (33 ref.)
- Muras M, Homma Y: (Aging and diseases: pneumonia) *J Clin Med* 22:87-91, Jan 74 (27 ref.) (Jap)
- Mütting D: Diätetische Probleme bei der Behandlung der portalen Hypertension mit besonderer Berücksichtigung des portokavalen Shunts. *Med Klin* 69:454-9, 15 Mar 74 (13 ref.) (Ger)
- ## N
- Naeze RL: Black lung disease, the anthracotic pneumoconiosis. *Pathol Annu* 8:349-77, 1973 (105 ref.)
- Nagao T see Hiraki K
- Nakagiri E see Yacour F
- Naito S: [Regulatory mechanism of exocrine function of the pancreas] *Jap J Clin Med* 31:505-9, Mar 73 (13 ref.) (Jap)
- Nakagawa F see Kitamura T
- Nathanson SG, Cullen SE: Biochemical properties and immunohistochemical relationships of mouse H-2 alloantigens. *Biochim Biophys Acta* 344:1-25, 8 Apr 74 (59 ref.)
- Naumenko Iu, Smirnov IuN: Radiotopnyye metody issledovaniia likvorodinsamki v norme i pri patologii. *Med Radiol (Mosk)* 18:63-70, Oct 73 (36 ref.) (Rus)
- Naumov BA see Postolov FM
- Nelken L: [Editorial: Glucose tolerance test] *Harefuah* 85:205-10, 15 Feb 74 (50 ref.) (Heb)
- Neville AM: Clinical value of tumour-associated antigens. *J Clin Pathol (Suppl)* 7:119-24, 1974 (67 ref.)
- Niall HD see Segre GV
- Nikkilä EA: Triglyceride metabolism in diabetes mellitus. *Prog Biochem Pharmacol* 8:271-99, 1973 (151 ref.)
- Neckton R see Kastin AJ
- Noda A see Toda Y
- Nolan JW, Norton BW, Leng RA: Nitrogen cycling in sheep. *Proc Nutr Soc* 23:63-6, Sep 73 (30 ref.)
- Norman AW see Erickman AS
- Norman JC see Huffman FN
- Norton BW see Nolan JW
- Novokhatkif AS: Toksicheskie i allergicheskie porazhenia zritel'nogo nerva (toksicheskie i allergicheskie entsefalopatii i entsefalopatii zritel'nogo nerva) (obzor literatury. *Oftalmol Zh* 25:90-5, 1973 (50 ref.) (Rus)
- O'Brien JK: Effect of lipids and hypolipemic drugs on platelet aggregation and thrombosis. *Haemostas* 2:169-75, 1973-74 (29 ref.)
- Odeberg H, Olsson T, Olsson I: Granulocytarnas roll i infektionsförsvaret. *Läkartidningen* 70:3141-7, 12 Sep 73 (64 ref.) (Swe)
- Ogarkov VI see Gapochko KG
- Ogata E: [Aging and diseases: anomaly of thyroid gland function] *Jap J Clin Med* 32:124-9, Jan 74 (13 ref.) (Jap)
- Ol I see Takemoto T
- Okamoto T, Morfi H: [Aging and diseases: osteoporosis] *Jap J Clin Med* 32:130-3, Jan 74 (16 ref.) (Jap)
- Oliver JH Jr: Symposium on reproduction of arthropods of medical and veterinary importance. IV. Reproduction in ticks (Ixodidae). *J Med Entomol* 11:26-34, 28 Mar 74 (65 ref.)
- Olsson T see Odeberg H
- Olsson I see Odeberg H
- Omenn GS, Motulsky AG: Editorial: Pharmacogenetics and mental disease. *Psychol Med* 4:125-9, May 74 (36 ref.)
- Orr W: The role of biopsy in the evaluation of inflammatory diseases of the liver. *Pathol Annu* 8:21-80, 1973 (147 ref.)
- Osawa N: [Laboratory animals for gerontological research] *Jap J Clin Med* 32:37-46, Jan 74 (34 ref.) (Jap)
- Osborne CA, Hardy RM, Stevens JR, et al: Liver biopsy. *Vet Clin North Am* 4:333-50, May 74 (33 ref.)
- Osborne CA, Stevens JR, Perman V: Kidney biopsy. *Vet Clin North Am* 4:351-65, May 74 (14 ref.)
- Osterheim JL: Noradrenergic mediation of traumatic spinal cord autodestruction. *Life Sci* 14:1263-64, 16 Apr 74 (22 ref.)
- Osawa E, Takeda H: [Pancreatitis and lysolecithin (including the effects on the liver)] *Jap J Clin Med* 31:510-8, Mar 73 (30 ref.) (Jap)
- ## P
- Pajer Z, Bomba J, Badura W, et al: Role terapeutyczne leczenia anoreksie nervosa. *Przegl Lek* 31:367-90, 1974 (31 ref.) (Pol)
- Palasz M: Niekotórze aspekty kliniczne swiazane z hormonalnie czynnymi guzami wysp trzustki, pochodzacych z komórek nie produkujacych insuliny. *Wiad Lek* 27:521-5, 15 Mar 74 (26 ref.) (Pol)
- Panksepp J: Hypothalamic regulation of energy balance and feeding behavior. *Fed Proc* 33:1156-65, May 74 (164 ref.)
- Parfenov YuD: Polonium-210 in the environment and in the human organism. *At Energy Rev* 12:75-143, 1974 (231 ref.)
- Partensky C see Tomatis L
- Patterson CP, Maynard JE, Berquist KR: Hepatitis B (Australia) antigen-current clinical and epidemiological concepts. *Am J Clin Med* 31:259-65, Apr 74 (33 ref.)
- Pavlovits WR: Chalone. Endogene Inhibitoren der Zellteilung. *Blut* 27:217-22, Oct 73 (28 ref.) (Ger)
- Paul WE see Davis JM
- Paul WE see Lieberman R
- Păușescu E: Posibilități și tendințe actuale privind imunoscupria biologică în transplantarea organelor și țesuturilor. I. *Microbiol Parasitol Epidemiol (Bucur)* 18:519-26, Nov-Dec 73 (61 ref.) (Rom)
- Ferman V see Osborne CA
- Peters ND see Distel W
- Pette D: Aktivitätsmuster und Ortsummuster von Enzymen des energieliefernden Stoffwechsels. *Curr Probl Clin Biochem* 1:15-52, 1966 (45 ref.) (Ger)
- Phillips BA, Sydnick RJ: Synthesis of viral products by cell-free extracts. *Prog Med Virol* 13:153-155, 1971 (326 ref.)
- Pietrek J: Metabolizm i mechanizm działania witaminy. *Poi Arch Med Wewn* 51:425-32, Apr 74 (20 ref.) (Pol)
- Pilarski LM see Cunningham AJ
- Piliotti G, Ricci C: Sindrome di Wolff-Parkinson-White e tachicardia parossistica nella prima infanzia. Descrizione di un caso e rassegna della letteratura. *Minerva Med* 24:436-44, 10 Mar 74 (121 ref.) (Ita)
- Pistolesi GR see Boyesen G
- Flesia RA see Marciand RD
- Poley JR: Chronic diarrhea in infants and children. II. *South Med J* 66:1132-41, Oct 73 (312 ref.)
- Porter KA see Starni TE
- Postolov FM, Naumov BA: Vliianie vagotomii na zheleznoduchnuu sekreciu. *Sov Med* 27:39-43, May 74 (76 ref.) (Rus)
- Poston RN, Davies DF: Immunity and inflammation in the pathogenesis of atherosclerosis. A review. *Atherosclerosis* 19:353-67, May-Jun 74 (121 ref.)
- Fross HF, Eldinger D: Antigenic competition: a review of nonspecific antigen-induced suppression. *Adv Immunol* 18:123-68, 1974 (258 ref.)
- Fullman A see Fullman B
- Fullman B, Fullman A: Molecular orbital calculations on the conformation of amino acid residues of proteins. *Adv Protein Chem* 28:347-526, 1974 (390 ref.)
- ## R
- Rahin BR, Blyth CA, Doherty D, et al: The neoplastic cell. The effects of steroid hormones and carcinogens on the interaction of membranes with polysomes. *J Clin Pathol (Suppl)* 7:51-9, 1974 (26 ref.)
- Rackley CE, Russell RO Jr: Editorial: Right ventricular function in acute myocardial infarction. *Am J Cardiol* 33:227-9, Jun 74 (18 ref.)
- Raczew Z: Objawy stomatologiczne w niedoczynności przytarczyc. *Stomatol* 27:327-43, Apr 74 (40 ref.) (Pol)
- Raff MC, De Petris S: Ligand-induced redistribution of membrane macromolecules: some possible implications for cancer. *J Clin Pathol (Suppl)* 7:31-4, 1974 (34 ref.)
- Rahman F, Cain GD: Current concepts in therapy:

# MEDICAL REVIEWS

drug-induced malabsorption—a review.  
South Med J 66:734-7, Jan 73 (56 ref.)  
Rapp DJ, Fahey D: Review of chronic secretory otitis and allergy. J Asthma Res 10:193-216, Jun 73 (74 ref.)  
Rasmussen H, Borden P, Karakawa K, et al: Hormonal control of skeletal and mineral homeostasis.  
Am J Med 55:751-8, Jun 74 (30 ref.)  
Rassner G: Krankheitsbild und Therapie der Psoriasis.  
Z Allgemeinmed 50:245-9, 30 Feb 74 (34 ref.) (Ger)  
Ratcliffe JG see Landon J  
Rees LH see Landon J  
Reeves JP see Lombardi FJ  
Regelson W: The antimicrobial activity of polyanions: heparin and heparinoids.  
J Med (Basel) 5:50-68, 1974 (74 ref.)  
Reinecke RD: Strabismus.  
Arch Ophthalmol 91:501-14, Jun 74 (130 ref.)  
Reinhardt K: Die Arthropathia diabetica.  
Dtsch Med Wochenschr 99:98-102, Jan 74 (93 ref.) (Ger)  
Reiter RJ: Involvement of pineal indoles and polypeptides with the neuroendocrine axis.  
Prog Brain Res 35:281-7, 1973 (43 ref.)  
Reves JG see Corssen G  
Resnikova MM, Agarunova IuS: Khimioterapii glubokikh mikozov (obzor literatury).  
Vestn Dermatol Venerol 47:64-71, Dec 73 (157 ref.) (Rus)  
Ricci C see Piliotti G  
Richter J see Koch H  
Riede UN, Wehr HP: Das Reaktionsmuster der Leber-Peroxyasomen (equal Microbodies) im Verlaufe einer Aethylaldehyd-  
Beitr Pathol 151:111-33, Feb 74 (75 ref.) (Ger)  
Rifkind BM see Levy KI  
Rigal D see Sato S  
Ristell W see Brewer HB Jr  
Rivier J see Burgus R  
Rohr HP see Riede UN  
Rosan RC, Lauweryns JM, Brand MM: Recent advances in pathologic aspects of neonatal respiratory distress.  
Pathol Annu 8:407-53, 1973 (107 ref.)  
Rosenthal S, Kaufman S: Vincristine neurotoxicity.  
Ann Intern Med 80:733-7, Jun 74 (63 ref.)  
Rugiero N see Brewster AN  
Rusley VP see Kusnik BI  
Russell RO Jr see Rackley CE  
Rutter M: Emotional disorder and educational underachievement.  
Arch Dis Child 49:249-56, Apr 74 (48 ref.)  
Rutter M: The development of infantile autism.  
Psychol Med 4:147-63, May 74 (142 ref.)

## S

Saenko VF see Shalimov AA  
Sagawa K: [Biomedical engineering and circulatory system physiology—introduction to systems physiology].  
Jap J Med Electron 11:341-8, Aug 73 (26 ref.) (Jap)  
Saha M, Banerjee B: Haemoglobinopathies in the Indian subcontinent. A review of literature.  
Acta Genet Med Gemellol (Roma) 22:117-38, 1973 (155 ref.)  
Saito S see Hinoara S  
Saito S, Mathers DH, Elliot RS: Molecular basis for oxygen transport. Hemoglobin function and controlling factors. Adv Cardiol 9:53-67, 1973 (37 ref.)  
Saiter DN: The influence of gut micro-organisms on utilization of dietary protein.  
Proc Nutr Soc 32:65-71, Sep 73 (28 ref.)  
Sandok BA, Whisman JP: Hypertension and the brain.  
Arch Intern Med 133:947-54, Jun 74 (95 ref.)  
Sankaranarayanan K: Recent advances in the assessment of genetic hazards of ionizing radiation.  
Acta Energ Rev 12:47-74, 1974 (87 ref.)  
Sarofim AF see Fleischer M  
Sasaki R see Yamagata S  
Sato S, Takishima T: [Aging and diseases: chronic pulmonary emphysema].  
Jap J Clin Med 32:92-6, Jan 74 (13 ref.) (Jap)  
Säuberli H, Largiadè F, Vetter W: Das Magenanztrumomom Gastrin. I. Physiologie und radioimmunologische Bestimmung.  
Schweiz Med Wochenschr 104:709-13, 18 May 74 (Ger)  
Sawyer PN, Srinivasan S: The rôle of surface phenomena in intravascular thrombosis.  
Bibl Anat 12:106-19, 1973 (39 ref.)  
Schlegel D: Zahnärztliche Implantologie—eine Literaturübersicht.  
Dtsch Zahnärztl Z 29:176-86, Feb 73 (80 ref.) (Ger)  
Schmidt I: Ocular manifestations of systemic diseases.  
Am J Optom Physiol Opt 51:332-65, May 74 (74 ref.)  
Schmidtke I: Das Lymphödem der unteren Extremitäten. Diagnostik und Therapie.  
Z Allgemeinmed 50:287-73, 28 Feb 74 (40 ref.) (Ger)  
Schneider KW, Jesse R: Transseptaler Herzkatheterismus—Informationen und Komplikationen. Eine orientierende Übersicht für die kardiologische Praxis.  
Med Monatsschr 28:3-12, Jan 74 (31 ref.) (Ger)  
Schosberger P: Vasculature of the spinal cord: a review. II. Clinical considerations.  
Bull Los Angeles Neurol Soc 39:36-97, Apr 74 (34 ref.)  
Schosberger P: Vasculature of the spinal cord: a review. I. Anatomy and physiology.  
Bull Los Angeles Neurol Soc 39:71-85, Apr 74 (38 ref.)  
Schroeder HE: Orale Strukturbiologie und ihre Wirkungen auf die zahnärztliche Praxis.  
Dtsch Zahn Mund Kieferheilkd 62:139-39, Mar 74 (58 ref.) (Ger)  
Schüller A: Concepto y sistematización de los síndromes hipoplásicos.  
Rev Clin Esp 132:399-404, 15 Mar 74 (35 ref.) (Spa)  
Schulz G: Artrecht in der Literatur 1973.  
Med Klin 68:1134-51, 24 Aug 73 (89 ref.) (Ger)  
Scott O: Pre-operative and post-operative irradiation.  
Br Med Bull 29:59-62, Jan 73 (31 ref.)  
Sedláčik J: Present knowledge and aspects of

Citrobacter.  
Curr Top Microbiol Immunol 62:41-59, 1973 (103 ref.)  
Segre GV, Niall HD, Habener JF, et al: Metabolism of parathyroid hormone: physiologic and clinical significance. Am J Med 54:774-84, Jun 74 (30 ref.)  
Selig WC: Neurosurgical aspects of leprosy.  
Surg Neurol 2:165-77, May 74 (138 ref.)  
Semenova NA see Kovalev MM  
Semiatovich EV see Semiatovich VF  
Semiatovich VF, Semiatovich EV: O vybore metoda drenirovaniia zheludka (piloroplastikoi ili gastroenteroanastomozom) posle vagotomii (obzor zarubezhnoi literatury).  
Klin Khir 3:50-4, Mar 74 (57 ref.) (Rus)  
Serebrovskaja IA see Lazaris IA  
Shabalov NP: Nasledstvennye formy trombotatsioneskoi purpury (obzor literatury).  
Probl Gematol Pereliv Krovi 19:53-9, 1974 (117 ref.) (Rus)  
Shalimov AA, Saenko VF: Novyi metod khirurgicheskogo lechenia damping-sindroma.  
Klin Khir 3:55-7, Mar 74 (8 ref.) (Rus)  
Shannon LV see Cherry RD  
Shapiro JL: Diverticular disease of the colon.  
South Med J 67:710-22, Jun 74 (80 ref.)  
Sherr H see Banwell JG  
Shimono S: Circulatory adjustments under spinal anesthesia.  
Int Anestesiol Clin 12:137-44, Spring 74 (15 ref.)  
Shiohara U: [Chronic rheumatoid arthritis].  
Jap J Clin Med 31:3409-14, Dec 73 (15 ref.) (Jap)  
Short SA see Lombardi FJ  
Siegel JM: Mental health volunteers as change agents.  
Am J Community Psychol 1:138-58, Apr-Jun 73 (70 ref.)  
Silver IA: Some factors affecting wound healing.  
Equine Vet J 5:47-51, Apr 73 (17 ref.)  
Silvers WK see Gasser DL  
Simon N: Present status of radium.  
NY State J Med 74:322-4, May 74 (10 ref.)  
Singhal BK, Wignell H: Cognition and recognition of antigen by cell associated receptors.  
Prog Allergy 15:188-232, 1971 (151 ref.)  
Sinda JP, DeBernardis JF: Naturally occurring halogenated organic compounds.  
Lloydia 36:107-43, Jun 73 (306 ref.)  
Sladen A: Drugs used in respiratory therapy.  
Clin Anesth 10:315-41, 1974 (94 ref.)  
Smirnov IuN see Naumenko IuI  
Smith FW see Stone W  
Snitzer J see Turner H  
Sochocky S: Cor pulmonale.  
SD J Med 37:5-10, May 74 (21 ref.)  
Sole P, Rigal D, Bacin F: Revue d'électrophysiologie oculaire (1971-1972).  
Arch Ophthalmol (Paris) 33:707-18, Oct 73 (201 ref.) (Fre)  
Soloway AH, Davis MA: Survey of radiopharmaceuticals and their current status.  
J Pharm Sci 63:447-55, May 74 (103 ref.)  
Soltyz MA: A review of studies on immunization against protozoan diseases of animals.  
Z Tropenmed Parasitol 24:300-32, Sep 73 (93 ref.)  
Sorland SJ: Neonatal kardiologi.  
Tidsskr Nor Lægeforen 94:704-10, 20 Apr 74 (12 ref.) (Nor)  
Southam AL: Scale of use, safety and impact of birth control methods. Contraception 8:1-11, Jul 73 (15 ref.)  
Spaan W see Hauck G  
Spatz HC see Trautner TA  
Speckmann EW see McEwen LD  
Spieckermann FG, Kettler DF: Effect of anesthesia on myocardial tolerance to ischemia.  
Int Anesthesiol Clin 12:51-61, Spring 74 (31 ref.)  
Springer GF: Blood-group and Forssman antigenic determinants. A review of studies on immunology against mammalian cells. Prog Allergy 15:9-77, 1971 (290 ref.)  
Sprintis M: Angiography as a diagnostic tool in gastrointestinal bleeding.  
Arch Med 31:323-4, Apr 74 (34 ref.)  
Srinivasan S see Sawyer PN  
Stachurska J, Wegryniewicz Z, Latalo ZS, et al: Mutual interaction between platelets and fibrinogen and its derivatives.  
Acta Univ Carol [Med Monogr] (Praha) 53:17-20, 1972 (15 ref.)  
Staral TE, Porter KA, Husbeg BS, et al: Renal homotransplantation. I.  
Curr Probl Surg 3:59, Apr 74 (293 ref.)  
Steels FF see Genton E  
Stehling L: Hypoglycemic drugs.  
Clin Anesth 10:523-47, 1974 (39 ref.)  
Stemberger H see Weidemann G  
Stenevi U, Björklund A, Moore RV: Morphological plasticity of central adrenergic neurons.  
Brain Behav Evol 8:110-34, 1973 (49 ref.)  
Stephens EV see Bury KD  
Stern WC, Morgane PJ: Theoretical view of REM sleep function: maintenance of catecholamine systems in the central nervous system.  
Behav Biol 11:1-32, May 74 (178 ref.)  
Stevens JB see Osborne CA  
Stoker MG: Effects of tumour viruses on cell growth.  
J Clin Pathol [Suppl] 7:80-4, 1974 (22 ref.)  
Stone A see Isaacson P  
Stone W, Smith FW: Infection of mammalian hosts by milk-borne nematode larvae: a review.  
Exp Parasitol 34:306-12, Oct 73 (42 ref.)  
Stormorken H: Epidemiological studies. Relation between dietary fat and arterial and venous thrombosis. Haemostasis 2:1-12, 1973-74 (31 ref.)  
Stormorken H: The release reaction.  
Acta Univ Carol [Med Monogr] (Praha) 53:65-8, 1972 (10 ref.)  
Strahlévit M: Possible interaction of environmental and biological factors in the etiology of schizophrenia. Review and integration.  
Can Psychiatr Assoc J 19:307-17, Apr 74 (112 ref.)  
Sugahara T: [Senescence from the standpoint of

radiobiology].  
Jap J Clin Med 32:30-6, Jan 74 (28 ref.) (Jap)  
Svendsen J: Enteric Escherichia coli diseases in weaned pigs. Nord Vet Med 26:236-38, Mar 74 (86 ref.)  
Swanson AB: Implant resection arthroplasty of the proximal interphalangeal joint.  
Orthop Clin North Am 4:1067-29, Oct 73 (59 ref.)  
Swart R, Meyer G: Die Diagnostik des akuten Abdomens beim Erwachsenen—ein neues klinisch-röntgenologisches Konzept.  
Radiologie 14:1-57, Jan 74 (85 ref.) (Ger)  
Sydskis RJ see Phillips BA  
Szkaradkiewicz A see Klecka W  
T  
Taborsky G: Phosphoproteins.  
Adv Protein Chem 28:1-210, 1974  
Takahashi K, Uchida T, Egami F: Ribonuclease T1. Structure and function.  
Adv Biophys (Tokyo) 1:53-98, 1970 (79 ref.)  
Takahashi T: [Malignant anemia].  
Jap J Clin Med 31:3435-40, Dec 73 (20 ref.) (Jap)  
Takase I: [Calcification in bacteria].  
Jap J Bacteriol 32:489-97, Nov 73 (37 ref.) (Jap)  
Takebe I: [Plant protoplasts— isolation, activity, and application (author's transl)].  
J Jap Biochem Soc 46:33-36, Jan 74 (59 ref.) (Jap)  
Takeda H see Osawa T  
Takemoto T, Kono T, Ota I, et al: [Contribution of endoscopy to the diagnosis of pancreatic diseases].  
Jap J Clin Med 31:534-41, Mar 73 (31 ref.) (Jap)  
Takishima T see Sato S  
Tadama T see Kuroe K  
Thomas BR: The tRNA-mRNA complex of protein biosynthesis. Biochimie 55:1335-39, 1973 (64 ref.)  
Thomas FC: Microbial protein synthesis.  
Proc Nutr Soc 32:65-91, Sep 73 (90 ref.)  
Thoren L: Magnesium metabolism. A review of the problems related to surgical practice.  
Prog Surg 9:131-54, 1971 (187 ref.)  
Tobian L Jr: Hypertension and the kidney.  
Arch Intern Med 133:959-67, Jun 74 (36 ref.)  
Toda Y, Noda A, Hayakawa T, et al: [Diagnosis of pancreatic diseases: Biochemical tests].  
Jap J Clin Med 31:519-26, Mar 73 (34 ref.) (Jap)  
Toews J see Brown JH  
Tomatis L, Fartansky C, Montesano R: The predictive value of mouse liver tumour induction in carcinogenicity testing—a literature survey.  
Int J Cancer 12:1-20, 15 Jul 73 (345 ref.)  
Tonder EM van: A review of some aspects concerning mating and reproduction in sheep.  
J S Afr Vet Med Assoc 43:329-42, Dec 72 (111 ref.)  
Tomson GC see Andreoli VM  
Töms O: Thalassämien.  
Med Klin 60:390-403, 8 Mar 74 (12 ref.) (Ger)  
Trautner TA, Spatz HC: Transfection in B. subtilis.  
Curr Top Microbiol Immunol 62:61-88, 1973 (117 ref.)  
Turkova J: Affinity chromatography.  
J Chromatogr 91:287-91, 24 Apr 74 (187 ref.)  
Turner H, Snitzer J: Carcinoma of the tongue in a child. Report of a case and review of the literature.  
Oral Surg 37:663-7, May 74 (12 ref.)  
Tzanoglou A: Assembly of inner membrane complexes.  
Ann NY Acad Sci 227:531-6, 18 Feb 74 (49 ref.)

## U

Uchida T see Takahashi K  
Ulmer WT: Die Stellung des allergischen Asthma bronchiale im Rahmen obstruktiver Lungen- und Bronchialkrankheiten.  
Prax Pneumol 32:85-92, Feb 74 (26 ref.) (Ger)  
Unger RE: Alpha- and beta-cell interrelationships in health and disease.  
Metabolism 23:581-93, Jun 74 (88 ref.)  
Uono M: [Myasthenia gravis: an autoimmune theory].  
Jap J Clin Med 31:3387-93, Dec 73 (47 ref.) (Jap)

## V

Vale W see Burgus R  
Vasoparastat F: The cartilaginous skeleton of the bronchial tree.  
Adv Anat Embryol Cell Biol 48:1-98, 1973 (115 ref.)  
Vasramis J see Brown JH  
Verona R, Zoratto E: La sindrome di Gledion. Illustrazione di un caso con rassegna della letteratura.  
Minerva Pediatr 26:319-22, 25 Feb 74 (10 ref.) (Ita)  
Vetter W see Säuberli H  
Viles PH, Manning JA: Recent advances in the treatment of congenital heart disease.  
South Med J 67:723-7, Jun 74 (40 ref.)  
Vina D: Immunological aspects of human leukaemia. Ser Haematol 5:87-106, 1972 (100 ref.)  
Voisin GA: Immunological facilitation, a broadening of the concept of the enhancement phenomenon.  
Prog Allergy 15:328-45, 1971 (719 ref.)  
Vois PA see Dublin M

## W

Wada Y see Kuroda A  
Wallace SL: Colchicine.  
Semin Arthritis Rheum 3:369-81, Summer 74 (102 ref.)  
Watarai N: [Electron microscopic observations on endocrine and exocrine cells of the pancreas].  
Jap J Clin Med 31:490-504, Mar 73 (57 ref.) (Jap)  
Webster RG, Laver WG: Antigenic variation in influenza virus. Biology and chemistry.  
Prog Med Virol 13:271-338, 1971 (165 ref.)  
Wegryniewicz Z see Stachurska J  
Weidemann G, Stemberger H, Kraft D: Laboratoriediagnose der Penicillinallergie.  
Wien Med Wochenschr 124:565-8, 18 May 74 (34 ref.) (Ger)  
Weidner DR: Leptospirosis—a review.  
Del Med J 48:181-8, Apr 74 (49 ref.)



## MEDICAL REVIEWS

- Weigle WO: Experimental autoimmune thyroiditis. *Pathol Annu* 8:329-47, 1973 (70 ref.)
- Wells HS see Genton E
- Welch CE, Hedberg S: Gastrointestinal hemorrhage. I. General considerations of diagnosis and the rapy. *Adv Surg* 7:95-143, 1973 (123 ref.)
- Wenger E: Die Bedeutung der Vorfelddiagnostik bei Herz- und Kreislauferkrankheiten. *Med Monatsschr* 28:12-4, Jan 74 (4 ref.) (Ger)
- Weston BJ see Davies AJ
- Whismant JP see Sandok BA
- Wiersma G: The significance of the time-dose relationship in radiotherapy. *Br Med Bull* 29:39-43, Jan 73 (89 ref.)
- Wignell H see Singhal SK
- Wolfersman A: The present status of therapy of bell's paralysis: a critical evaluation. *Ann Otol Rhinol Laryngol* 83:Suppl 12:1-15, May-Jun 74 (54 ref.)
- Wood S Jr: Experimental studies on the spread of cancer, with special reference to fibrinolytic agents and anticoagulants. *J Med (Basel)* 5:7-23, 1974 (60 ref.)
- Woodland HE: Some studies on early embryonic development relevant to the study of cancer. *J Clin Pathol (Suppl)* 7:28-30, 1974 (23 ref.)
- Wortis HH: Immunological studies of nude mice. *Contemp Top Immunobiol* 3:243-63, 1974 (111 ref.)
- Wright HF: Endothelial injury and repair. *Bibl Anat* 12:87-91, 1973 (30 ref.)
- Wurtman RJ see Hyypää M
- Wyllie AH: Death in normal and neoplastic cells. *J Clin Pathol (Suppl)* 7:35-42, 1974 (41 ref.)

### Y

- Yamagata S, Sasaki E: [Senescence and gastrointestinal cancer]. *Jap J Clin Med* 22:139-43, Jan 74 (22 ref.) (Jap)
- Yamamoto S, Mouna T, Kawai K, et al: [Chronic hepatitis and liver cirrhosis]. *Jap J Clin Med* 31:2415-20, Dec 73 (21 ref.) (Jap)
- Yamanaka A see Hinoara S
- Yoshida Y see Kuroe K

### Z

- Zakstel'skaia LIa: Nekotorye itogi i zadachi v izuchenii

- žekologič virusov grippe. *Vopr Virusol* 18:750-3, Nov-Dec 73 (49 ref.) (Rus)
- Zaklin H: Anthranilate synthetase. *Adv Enzymol* 38:1-39, 1973 (103 ref.)
- Zbar E see East RC Jr
- Zhdanova LG, Kuznetsov IA, Mashilova GM: Noprieryvnoe kul'tivirovanie kak metod izuchenia fiziologii mikroorganizmov (obsor. *Zh Mikrobiol Epidemiol Immunobiol* 51:123-33, Mar 74 (86 ref.) (Rus)
- Zimmermann E, Krivey W: Antagonism between morphine and the polypeptides ACTH, ACTH1-24 and beta-MSH in the nervous system. *Frog Brain Res* 39:393-94, 1973 (31 ref.)
- Zoratto E see Veronesi E
- Zubrod CG: Present status of cancer chemotherapy. *Life Sci* 14:809-18, 1 Mar 74 (23 ref.)
- Zweig JT: Effects of lysine on ammonia formation, hydrogen ion, and potassium ion balance: a review and an hypothesis. *Clin Chem* 19:943-9, Sep 73 (53 ref.)

## ANONYMOUS

- China Med J  
[Recent development in cancer chemotherapy]  
*Chin Med J* 8:499-508, 1973 (47 ref.) (Chi)
- Food Cosmet Toxicol  
If all the sea were PCB.  
*Food Cosmet Toxicol* 11:131-5, Feb 73 (39 ref.)

- Med Monatsschr  
Bericht des Monats: Blut und Blutersatz.  
*Med Monatsschr* 28:1-3, Jan 74 (Ger)

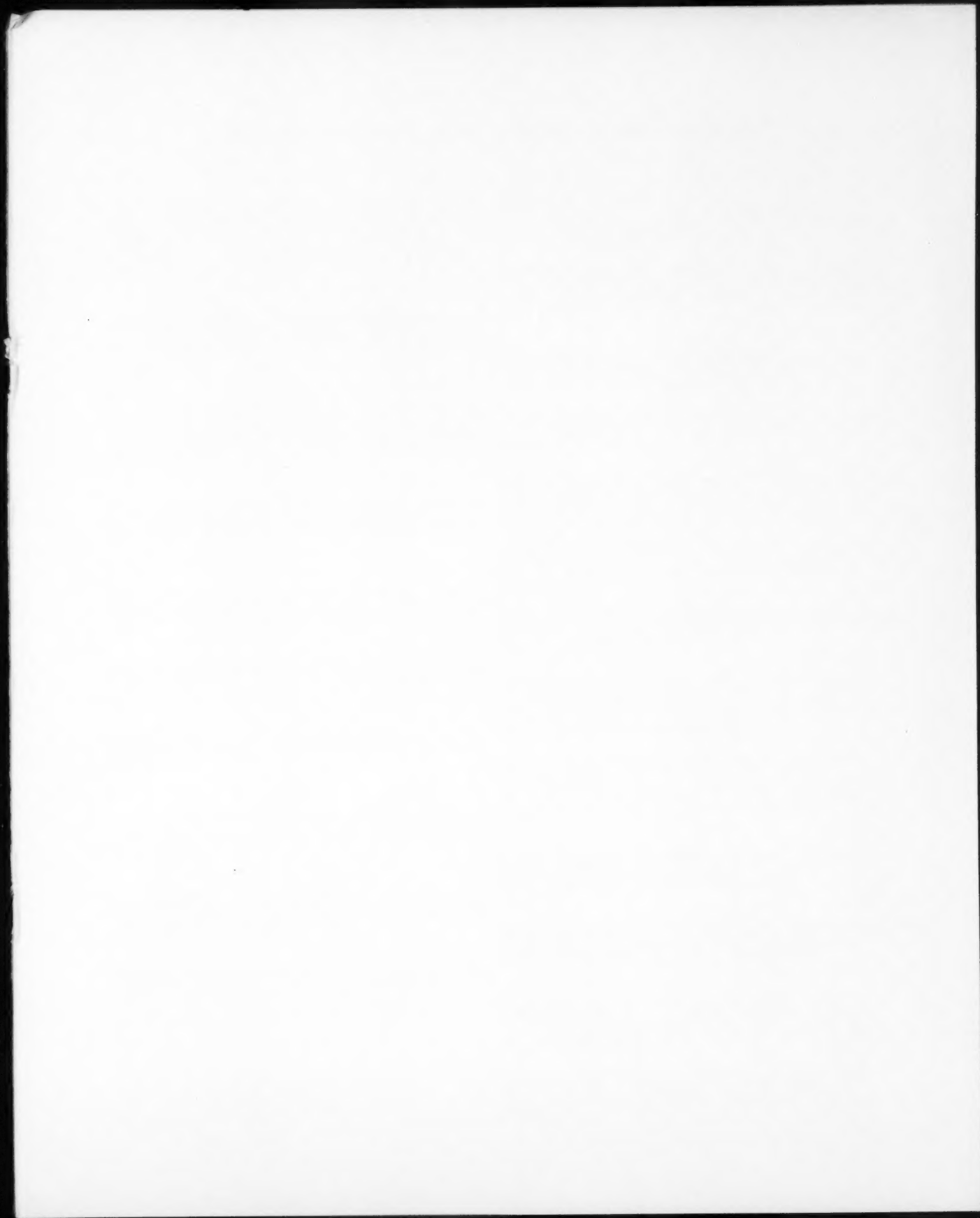
- Nutr Rev  
Polyunsaturated ruminants.  
*Nutr Rev* 31:200-10, Jul 73 (5 ref.)
- Nutritional implications of sulfur amino acid oxidation.  
*Nutr Rev* 31:230-1, Jul 73 (6 ref.)
- Parathormone, cyclic AMP and neonatal kidneys.  
*Nutr Rev* 31:84-9, Mar 73 (7 ref.)
- Regulation of cell growth by cyclic AMP.  
*Nutr Rev* 31:220-9, Jul 73 (11 ref.)
- The time course of changes in carbohydrate and lipid metabolism in the rat as caused by starvation and refeeding. *Nutr Rev* 31:222-3, Jul 73 (11 ref.)
- Riboflavin and adrenal cortex.  
*Nutr Rev* 31:95-6, Mar 73 (6 ref.)
- Starvation in pregnancy: metabolic changes.  
*Nutr Rev* 31:82-3, Mar 73 (11 ref.)
- Frequency of eating and dental caries prevalence.  
*Nutr Rev* 32:150-41, May 74 (6 ref.)
- Fat-free parenteral alimentation of infants.  
*Nutr Rev* 32:134-4, May 74 (12 ref.)
- Calorie supplementation and growth of pre-school children. *Nutr Rev* 32:141-3, May 74 (7 ref.)
- Metabolism of alpha-keto analogues of essential amino acids. *Nutr Rev* 32:147-9, May 74 (9 ref.)
- The effect of a breast milk substitute on stool flora.  
*Nutr Rev* 32:156-8, May 74 (2 ref.)
- Metabolic effects of oral contraceptives in monkeys fed on adequate and low protein diets.  
*Nutr Rev* 32:149-52, May 74 (8 ref.)
- Selenium as a feed additive.  
*Nutr Rev* 32:158-9, May 74 (2 ref.)



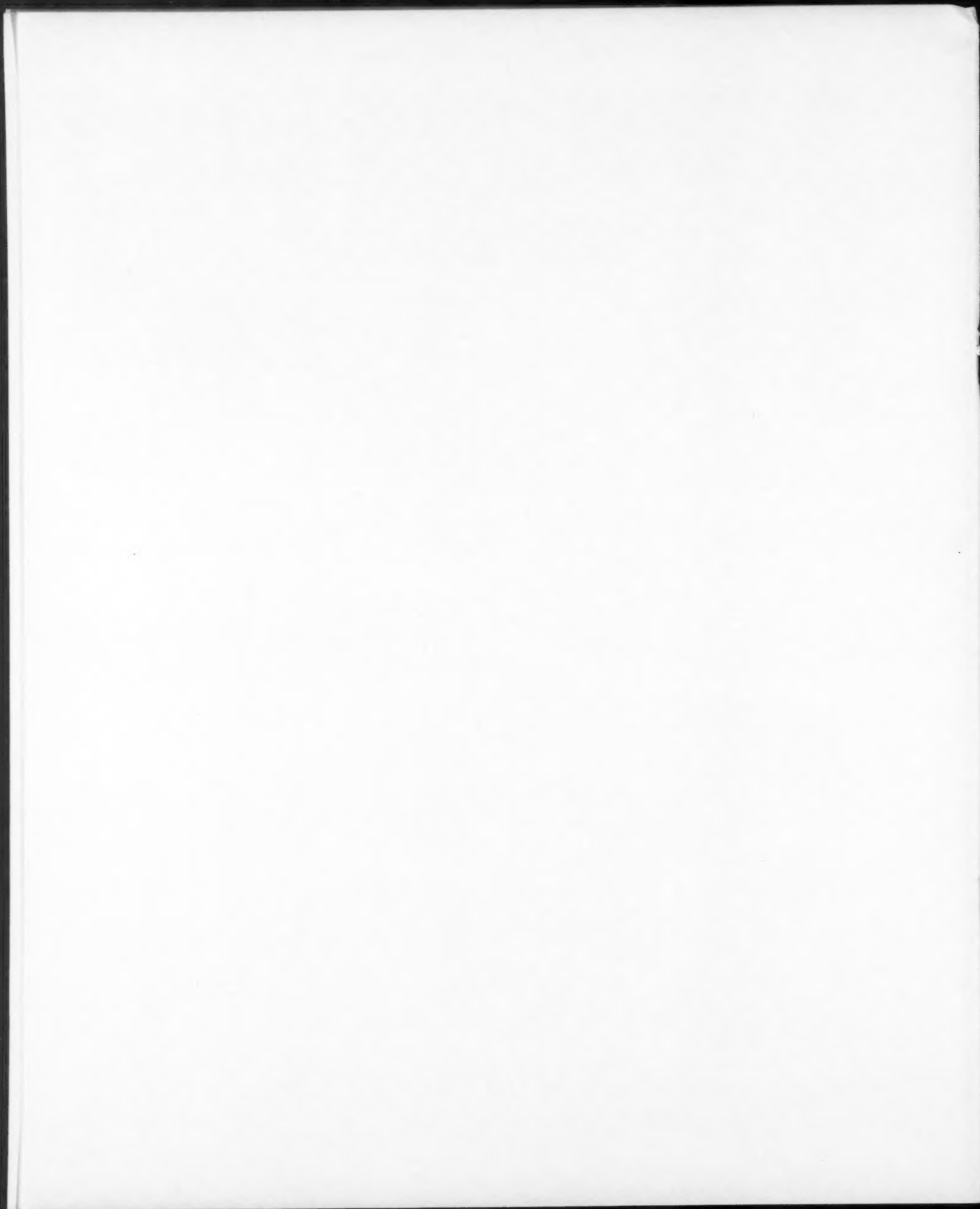


## MEDICAL HISTORY

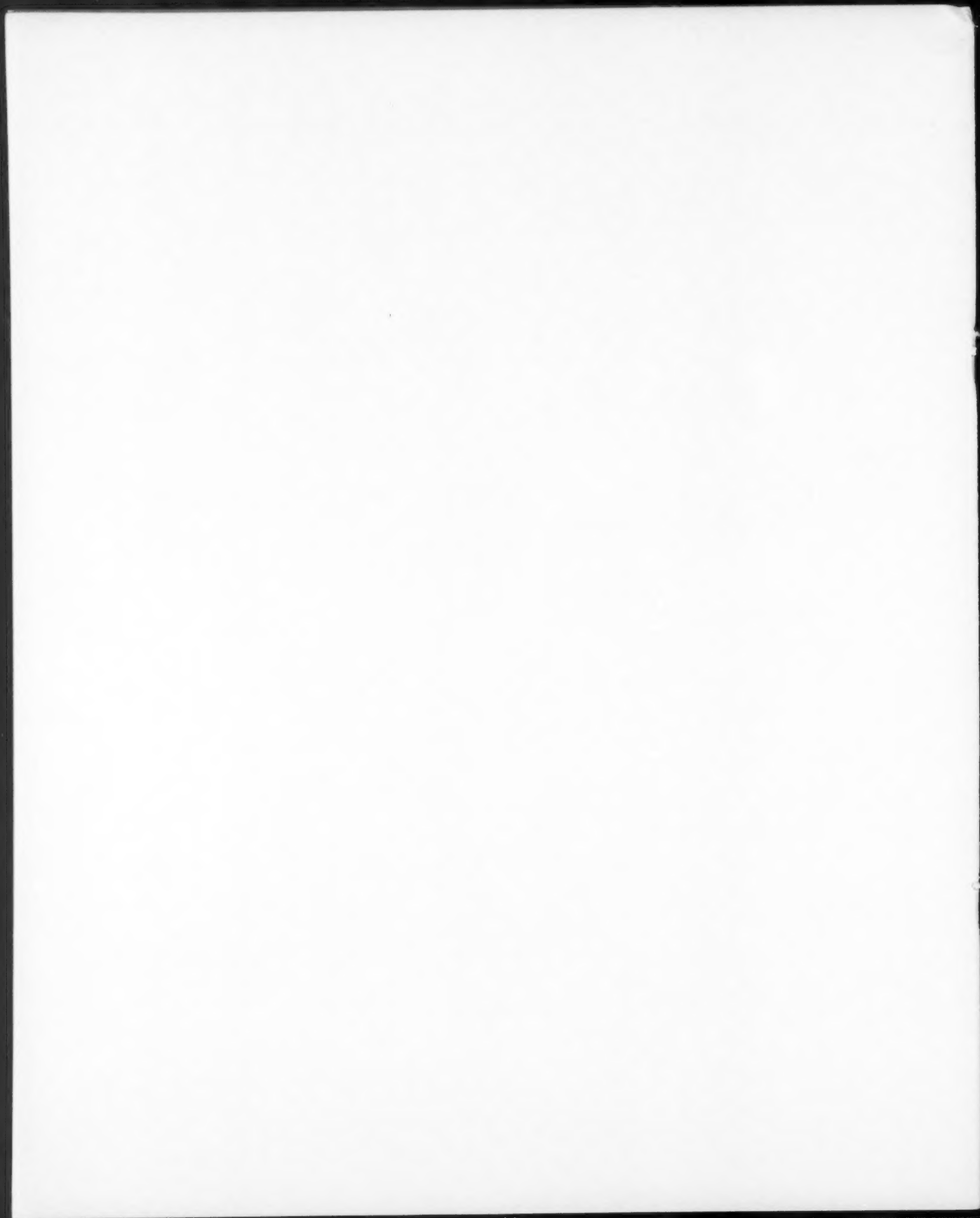
History of Present Illness: The patient is a 45-year-old male who has been experiencing a chronic, progressive decline in health over the past several years. He reports a gradual loss of weight, decreased energy, and increasing fatigue. He has noticed a decrease in his appetite and has experienced occasional episodes of nausea and vomiting. His bowel movements have become irregular, with alternating periods of constipation and diarrhea. He has also noticed a decrease in his sexual desire and has experienced occasional episodes of erectile dysfunction. He has noticed a decrease in his hair growth and has noticed a decrease in his skin elasticity. He has noticed a decrease in his vision and has noticed a decrease in his hearing. He has noticed a decrease in his memory and has noticed a decrease in his concentration. He has noticed a decrease in his mood and has noticed a decrease in his interest in life. He has noticed a decrease in his ability to perform his usual activities of daily living. He has noticed a decrease in his ability to work. He has noticed a decrease in his ability to enjoy life. He has noticed a decrease in his ability to cope with stress. He has noticed a decrease in his ability to handle his emotions. He has noticed a decrease in his ability to form relationships. He has noticed a decrease in his ability to maintain a healthy lifestyle. He has noticed a decrease in his ability to take care of himself. He has noticed a decrease in his ability to seek help when needed. He has noticed a decrease in his ability to follow medical advice. He has noticed a decrease in his ability to take medication. He has noticed a decrease in his ability to exercise. He has noticed a decrease in his ability to eat healthy food. He has noticed a decrease in his ability to sleep. He has noticed a decrease in his ability to breathe. He has noticed a decrease in his ability to move. He has noticed a decrease in his ability to feel. He has noticed a decrease in his ability to think. He has noticed a decrease in his ability to be. He has noticed a decrease in his ability to do. He has noticed a decrease in his ability to have. He has noticed a decrease in his ability to be happy. He has noticed a decrease in his ability to be healthy. He has noticed a decrease in his ability to be successful. He has noticed a decrease in his ability to be a good person. He has noticed a decrease in his ability to be a good father. He has noticed a decrease in his ability to be a good husband. He has noticed a decrease in his ability to be a good friend. He has noticed a decrease in his ability to be a good citizen. He has noticed a decrease in his ability to be a good neighbor. He has noticed a decrease in his ability to be a good community member. He has noticed a decrease in his ability to be a good world citizen. He has noticed a decrease in his ability to be a good human being. He has noticed a decrease in his ability to be a good person. He has noticed a decrease in his ability to be a good father. He has noticed a decrease in his ability to be a good husband. He has noticed a decrease in his ability to be a good friend. He has noticed a decrease in his ability to be a good citizen. He has noticed a decrease in his ability to be a good neighbor. He has noticed a decrease in his ability to be a good community member. He has noticed a decrease in his ability to be a good world citizen. He has noticed a decrease in his ability to be a good human being.













## NATIONAL LIBRARY OF MEDICINE RECURRING BIBLIOGRAPHIES

*The National Library of Medicine, through its computer-based MEDLARS (Medical Literature Analysis and Retrieval System), periodically produces lists of citations to journal articles in specialized biomedical fields. Most of these lists, termed "Recurring Bibliographies," are printed and distributed by nonprofit professional organizations and other government agencies with whom the Library cooperates.*

**Bibliography on Medical Education** is included in the *Journal of Medical Education*, published monthly by the Association of American Medical Colleges, 1 Dupont Circle, Washington, D.C. 20036.

**Cerebrovascular Bibliography** is prepared quarterly under the auspices of the Joint Council Subcommittee on Cerebrovascular Disease, National Institute of Neurological Diseases and Stroke and the National Heart and Lung Institute, National Institutes of Health, Bethesda, Maryland 20014.

**Fibrinolysis, Thrombolysis, and Blood Clotting**, is distributed monthly by the National Heart and Lung Institute, National Institutes of Health, Bethesda, Maryland 20014, attn: Dr. James N. Stengle.

**Index of Rheumatology** an annual is available monthly from the American Rheumatism Association Section of The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036.

**Index to Dental Literature** is a quarterly sold by the American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

**International Nursing Index** is a quarterly sold by the American Journal of Nursing Company, 10 Columbus Circle, New York, New York 10019.

**Artificial Kidney Bibliography** is published quarterly—contact the Scientific Communications Officer, National Institute of Arthritis, Metabolism, and Digestive Diseases, National Institutes of Health, Bethesda, Maryland 20014.

**Endocrinology Index** is published bimonthly by the National Institute of Arthritis, Metabolism, and Digestive Diseases, National Institutes of Health, Bethesda, Maryland 20014.

**Bibliography of Surgery of the Hand**, an annual, is published and distributed by the American Society for Surgery of the Hand. For information write: John A. Boswick, Jr., M.D., Secretary-Treasurer, American Society for Surgery of the Hand, 4200 East 9th Avenue, Denver, Colorado 80220.

**Anesthesiology Bibliography**, a quarterly, is published and distributed by the American Society of Anesthesiologists. For information write: Wood Library, Museum of Anesthesiology, American Society of Anesthesiologists, 515 Busse Highway, Park Ridge, Illinois 60068.

**Neurosurgical Biblio-Index**, a quarterly, is published by the American Association of Neurological Surgeons. For information write to the Subscription Manager, *Journal of Neurosurgery*, 428 E. Preston Street, Baltimore, Maryland 21202.

**Cranio-Facial—Cleft Palate Bibliography** is published quarterly by the American Cleft Palate Association. For information write to the Dental Research Center, University of North Carolina, Chapel Hill, North Carolina 27514.

**Index of Dermatology** is published monthly by the National Institute of Arthritis, Metabolism, and Digestive Diseases, National Institutes of Health, Bethesda, Maryland 20014.

**Recurring Bibliography of Hypertension** is published bimonthly by the American Heart Association, Inc., 44 East 23rd Street, New York, New York 10010.

**Recurring Bibliography on Education in the Allied Health Professions**, an annual, is available from: Dr. John E. Burke, Director, Medical Communications Division, School of Allied Medical Professions, the Ohio State University, 1583 Perry Street, Columbus, Ohio 43210.

**Parkinson's Disease and Related Disorders, Citations from the Literature**, is published monthly by the National Institute of Neurological Disease and Stroke, National Institutes of Health, Bethesda, Maryland 20014.

**Index of Tissue Culture** is published annually by the Tissue Culture Association, Inc., W. Alton Jones Cell Science Center, P.O. Box 631, Lake Placid, New York 12946.

**Annual Bibliography of Orthopaedic Surgery** is published and distributed by the Ad Hoc Committee on Orthopaedic Information Services, Medical Services Division, National Research Council. For information, write to The Journal of Bone and Joint Surgery, 10 Shattuck Street, Boston, Massachusetts 02115.

**Current Citations on Strabismus, Amblyopia, and Other Diseases of Ocular Motility** is published quarterly by the International Strabismological Association. For information write to: Robert D. Reinecke, M.D., Department of Ophthalmology, Albany Medical College, 47 New Scotland Avenue, Albany, New York 12208.

**Toxicity Bibliography** is published quarterly by the National Library of Medicine and sold on subscription by the Superintendent of Documents (see NLM Publications list).

**Current Bibliography of Epidemiology** is published monthly by the National Library of Medicine and sold on subscription by the Superintendent of Documents (see NLM Publications list).

**Selected References on Environmental Quality as It Relates to Health** is published monthly by the National Library of Medicine and sold on subscription by the Superintendent of Documents (see NLM Publications list).

**Bibliography of Reviews in Cardiology** is included in the *American Journal of Cardiology*, published monthly by the American College of Cardiology, 9650 Rockville Pike, Bethesda, Maryland 20014.



U.S. DEPARTMENT OF HEALTH,  
EDUCATION, AND WELFARE  
Public Health Service  
National Institutes of Health

DHEW Publication No. (NIH) 74-253

